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1922

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PETERBORO, NEW HAMPSHIRE

VOLUME XXI NUMBER 1

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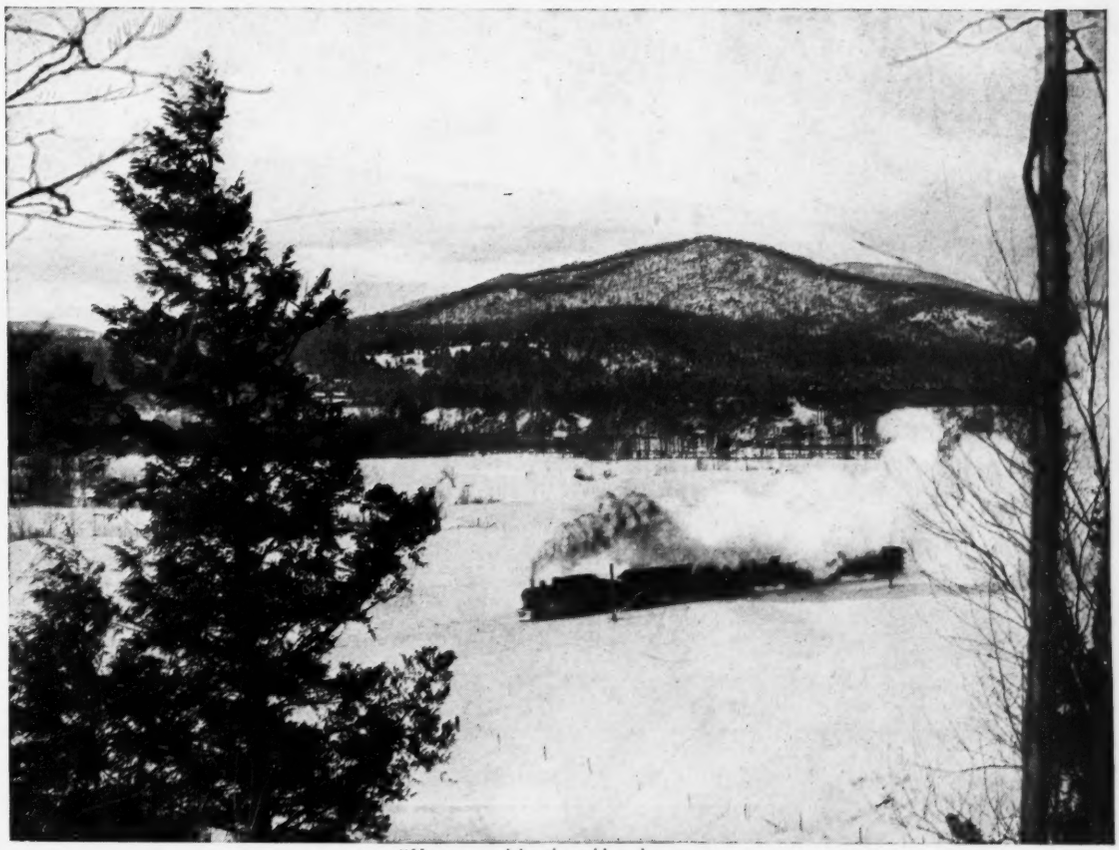
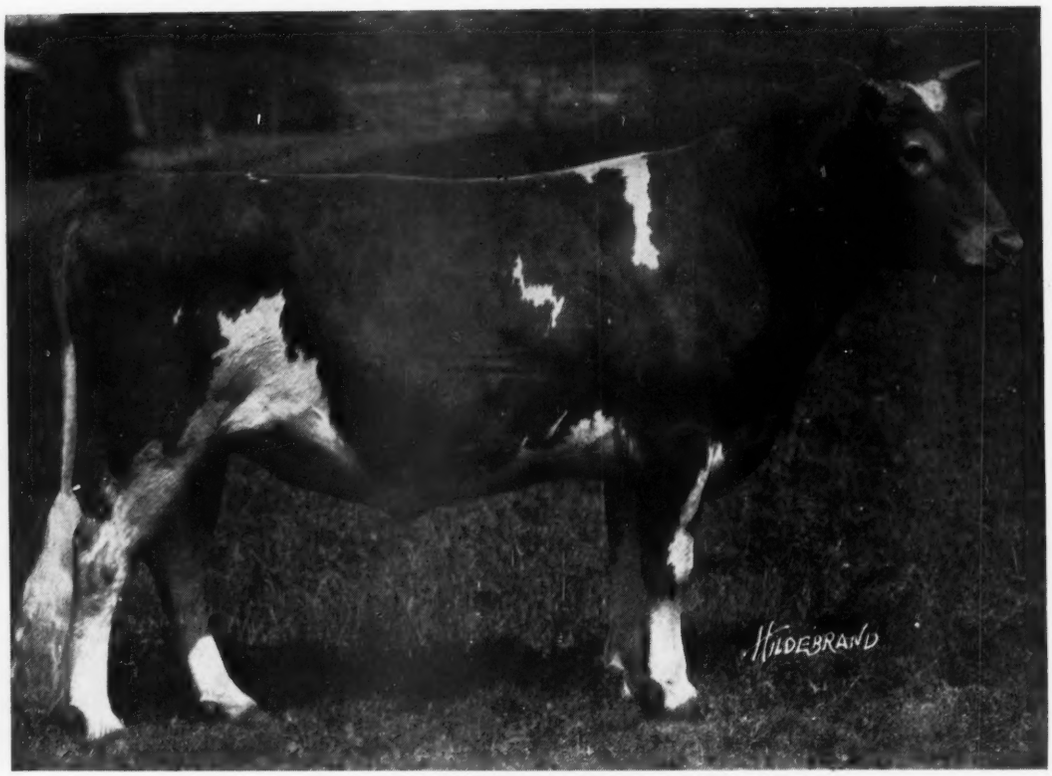
JANUARY 1, 1922



*"Unconquered by the cold and snows
The carrier of our JOURNAL goes."*



Langwater Valiant

THE MIXTER FARM

Announces that through the courtesy of

MR. JOHN S. AMES

OF

LANGWATER FARMS, NORTH EASTON, MASS.

the royally bred bull

LANGWATER VALIANT

will be in service in the Mixter Herd for the next six months

Valiant will be bred to about fifty of the best breeding Matrons in The Mixter Herd

The Mixter Farm J. S. CLARK, Supt. **Hardwick, Mass.**

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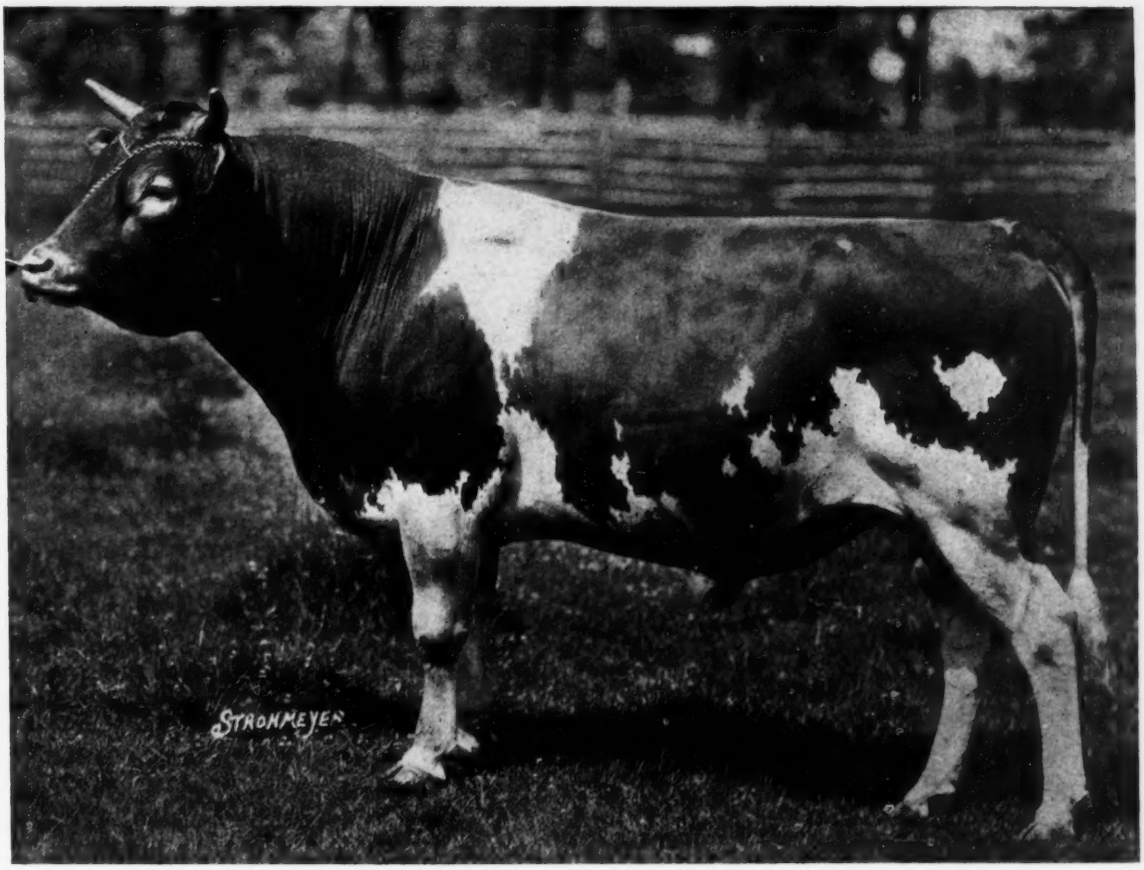


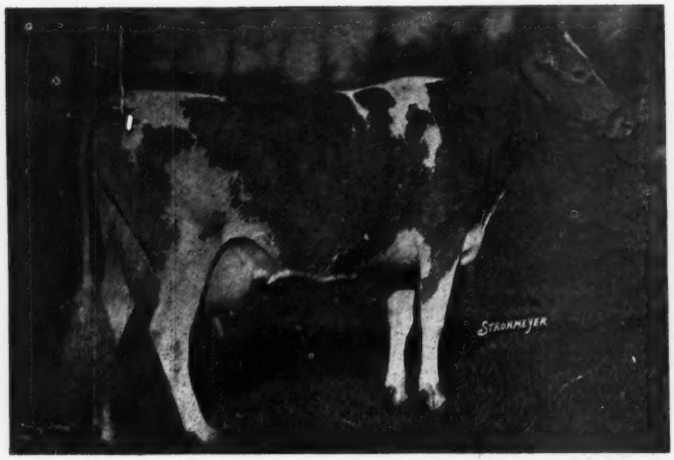
LANGWATER KNIGHT 46830

Sire—Langwater Warrior 26509 Dam—Langwater Generous 41958

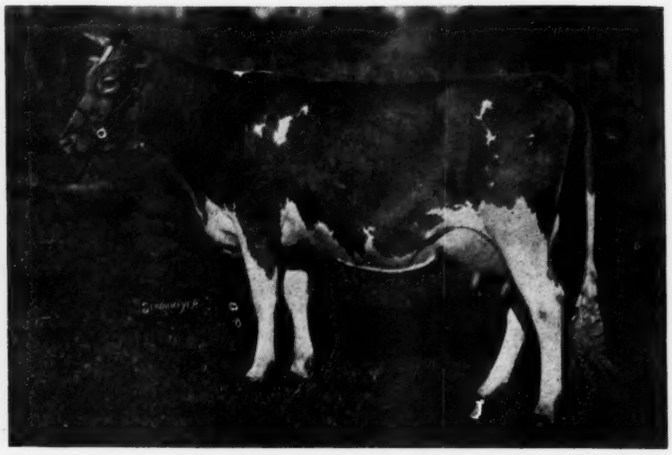
Breeder—John S. Ames, North Easton, Massachusetts

Owner—C. L. A. Whitney, Albany, New York, and H. M. Sage, Albany, New York

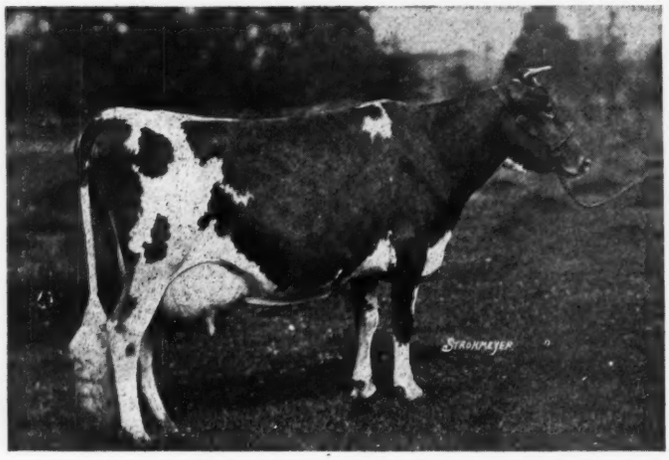
Entered as Second Class Matter Dec. 15, 1909, at the Post Office at Peterboro, N. H., under act of Mar. 3, 1879. Acceptance for mailing at special rate of postage provided in section 1103 Act of Oct. 3, 1917, Authorized August 9, 1918



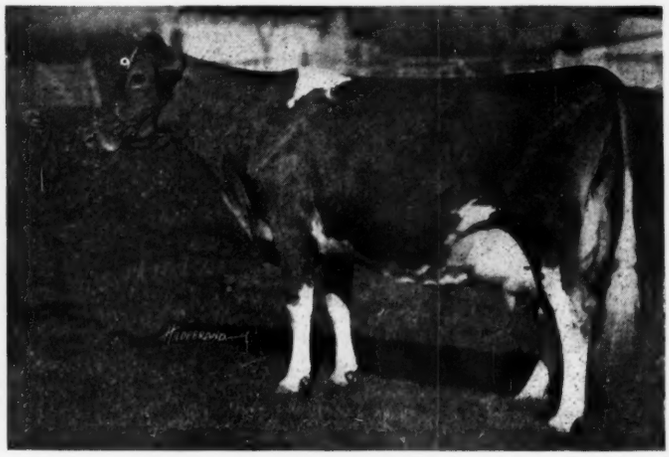
WYEBROOK CORA 95374
Credit: 8805.10 lbs. of milk; 446.2 lbs. of butter fat in 250 days, class E
Sire—Sunnyside Laddie 30462 Dam—Carolotta of Sunnyside 26513
Breeder—Edgar S. Fayne, Penn Yan, New York
Owner—C. L. A. Whitney, Albany, New York



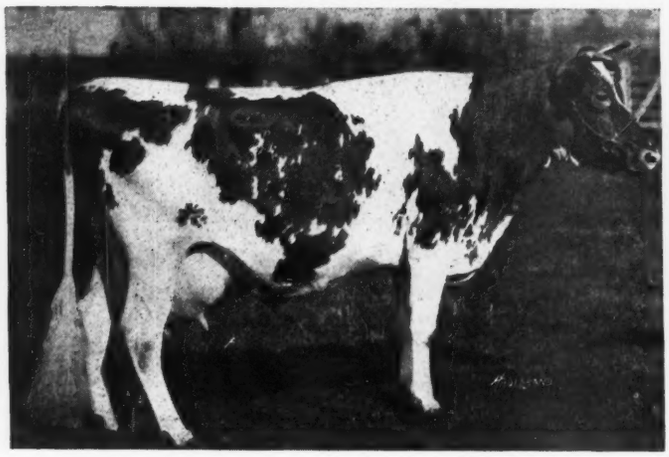
WYEBROOK GRACE 99205
Credit: 2516.40 lbs. of milk: 105.31 lbs. of butter fat in 74 days, class G
Sire—Langwater Knight 46830 Dam—Princess Ultra Grace 67269
Breeder and Owner—C. L. A. Whitney, Albany, New York



GRETIAN OF VLAUMANS KILL 54374, A. R. 9905
Record: 17249.0 lbs. of milk; 790.19 lbs. of butter fat, class A
Sire—George Washington of Maple Glen 19928
Dam—Glenwood's Belle of Vlaumans Kill 42402
Breeder—Edwin B. Mead, Delmar, New York
Owner—C. L. A. Whitney, Albany, New York

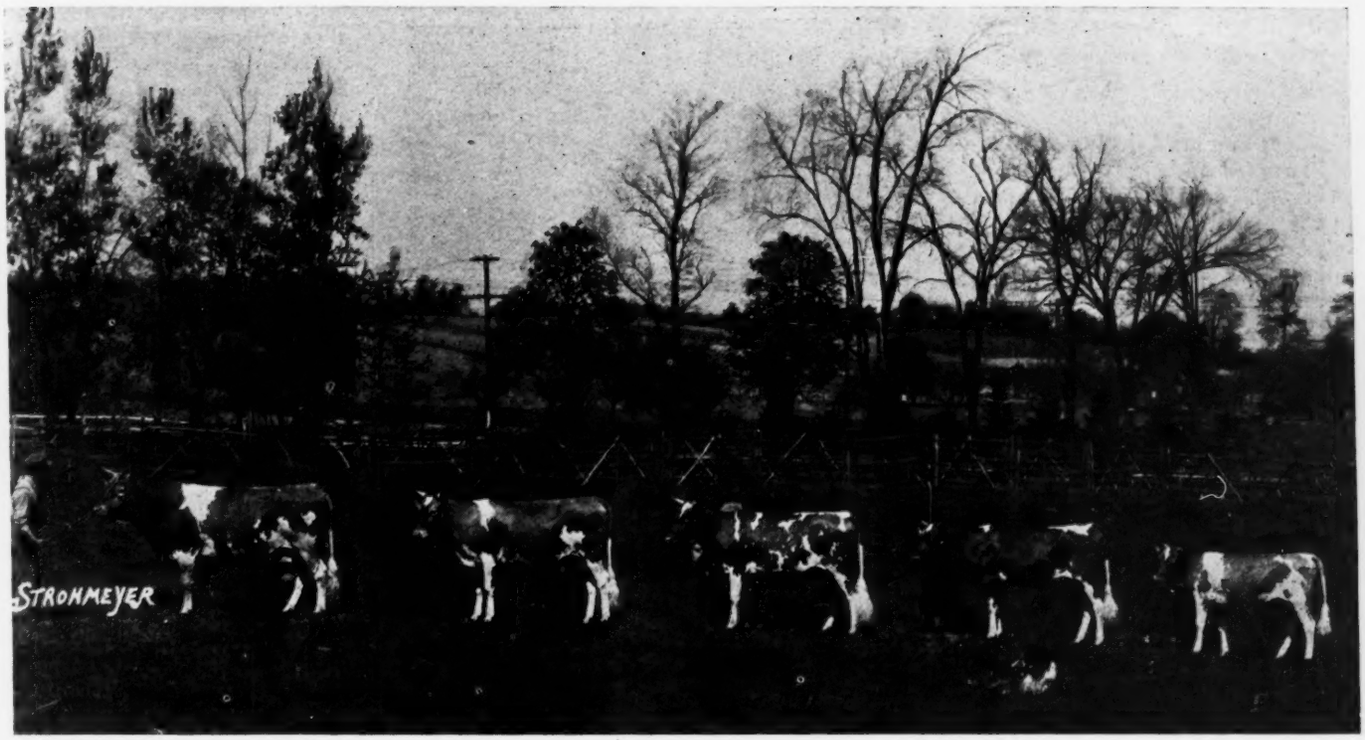


BUTTERCUP'S VIOLA OF SPRINGSIDE 89172, A. R. 9046
Record: 18349.5 lbs. of milk; 824.36 lbs. of butter fat, class A
Sire—Masher's Forestus 13419 Dam—Imp. Buttercup II. of the Gron 23237
Breeder—Arthur G. Galusha, Williamstown, Massachusetts
Owner—C. L. A. Whitney, Albany, New York



LASSIE OF OAKHURST 64368, A. R. 7897
Record: 12996.3 lbs. of milk; 637.23 lbs. of butter fat, class E
Sire—Ne Plus Ultra 4th 29328 Dam—Imp. Lass of King's Mills Lodge 48471
Breeder—J. L. Hope, Madison, New Jersey
Owner—C. L. A. Whitney, Albany, New York

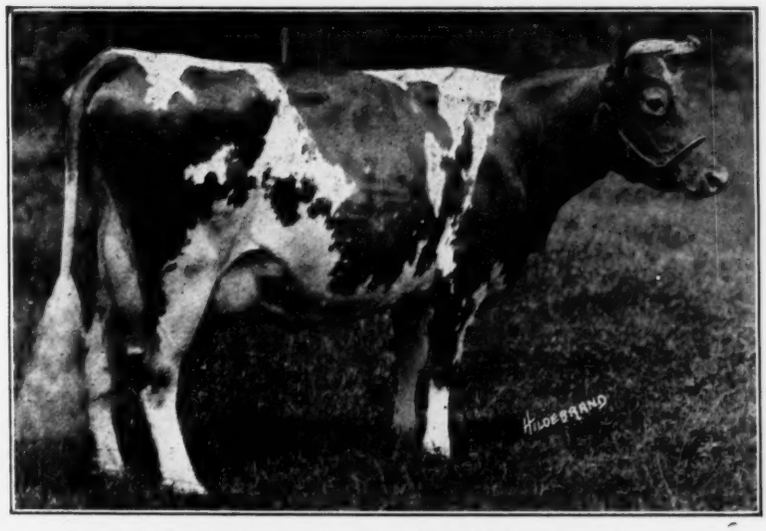
IMP. WYEBROOK ROSE 69245, A. R. 6186
Record: 14872.10 lbs. of milk; 710.21 lbs. of butter fat, class BB
Sire—Royal Sequel 2511 E. G. H. B.
Dam—Rose of Goodnestone 2d 7845 E. G. H. B.
Breeder—H. Fitzwalter Plumptre, England
Owner—E. B. Cadwell, Saugerties, New York



WYEBROOK GUERNSEYS

Where Type and Production Do Team Work

IT is not necessary for a business man to make a large expenditure on his recreation, provided he chooses the breeding of high class Guernsey cattle. The successful business man generally seeks recreation in one form or another and in America this form of relief from the commercial strain has been called a "hobby." Too often the fact that a hobby is an avocation leads one to the assumption that it must be a financial burden. Often a hobby is a means of large expenditure, which in many cases is the factor eliminating its indulgence.



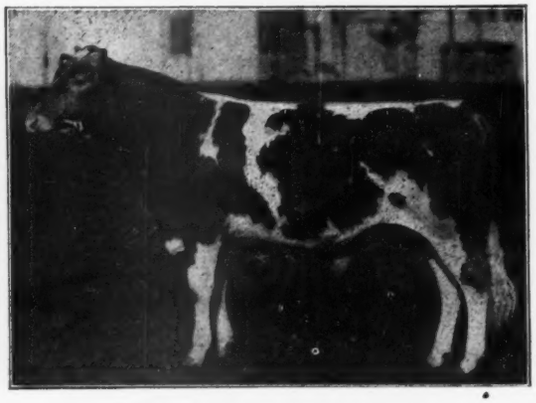
LANGWATER DAIRYMAID 26377, A. R. 1460
Records: 11782.9 lbs. of milk; 631.50 lbs. of butter fat, class G
13747.5 lbs. of milk; 670.12 lbs. of butter fat, class C
16949.2 lbs. of milk; 812.66 lbs. of butter fat, class A
Sire—Jethro Bass 11366 Dam—Imp. Itchen Daisy 3d 15630
Breeder—F. Lothrop Ames, North Easton, Massachusetts
Owner—C. L. A. Whitney, Albany, New York

Hobbies have been the outgrowth of the reaction generally experienced by business men after a period of physical and mental strain found in the administration of big business. Therefore if a man wishes to live a life of average length, and enjoy the living he must have relief from the strain. Sooner or later every successful business man seeks a hobby. The breeding of Guernseys will supply recreation and will not cost anything, a statement that to some may seem to be a sweeping one, but without doubt C. L. A. Whitney, the owner of Wyebrook Farm, Loudonville, New York, has proved the truth of it. Mr. Whitney qualified the above discussion by saying, "However, it is folly for a man to undertake the breeding of any kind of live stock unless he has a real interest in live stock."

This statement seemed to be the basis for success at Wyebrook. Mr. Whitney loves Guernseys and is interested in

THE TOP PICTURE
LANGWATER KNIGHT 46830 AND FOUR DAUGHTERS
From left to right: Wyebrook Grace 99205, Wyebrook Queen 95261, Wyebrook Marvel 103945 and Wyebrook Vanity 115460

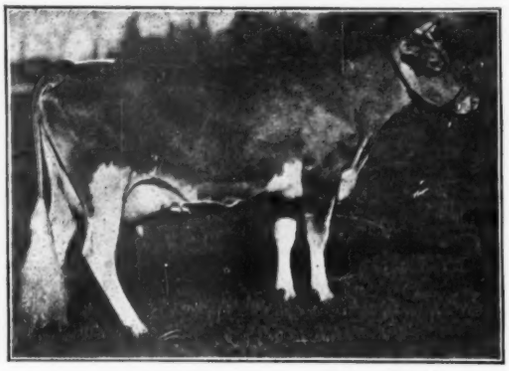
all matters pertaining to the success of the breed. The New York Guernsey Breeders' Association has chosen him for their president and his fellow members of THE AMERICAN GUERNSEY CATTLE CLUB have placed him on the executive committee as a result of his keen interest in national problems affecting the success of the breed.



WYEBROOK SUPREME 58407
Junior Herd Sire
Sire—Ne Plus Ultra of Wyebrook 40129
Dam—Langwater Dairymaid 26377
Breeder and Owner—C. L. A. Whitney, Albany, New York

Wyebrook Farm is a beautiful country place affording every necessity for operating and maintaining one of the choice herds of pure bred Guernseys in America. As a breeding establishment for Guernseys Wyebrook is young, for it was only six years ago that the first cow was purchased. The first two years were spent in selecting the foundation cows. The plan was to purchase either cows of high production with a proven breeding record or daughters of such cows. It would not have been such a great task to assemble a herd under this plan were it not for the fact that Mr. Whitney made other qualifications which narrowed the field from which he could select. These qualifications were excellent individuality, scale, and large symmetrical udders.

Under this policy a number of animals were eliminated from the herd, but in no case did their elimination retard the financial progress of the herd for in buying Mr. Whitney bought well, which means that when the animals were offered for sale, in case he chose to sell them, they invariably brought more than he paid.



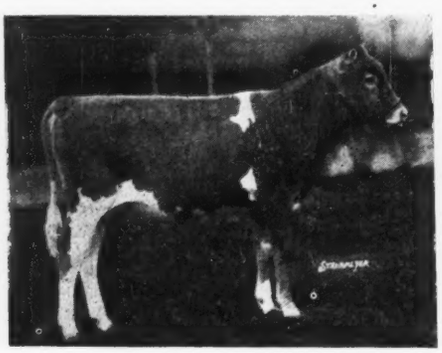
FAIR LADY OF ROCKSTONE90412
Record made while owned at Wyebrook
Record: 11081.0 lbs. of milk; 618.15 lbs. of butter fat, class G
Sire—Upland's Caesar 40788
Dam—Elsie Primrose of Fairside 23965
Breeder—Albert G. Buckley, Valley Falls, New York
Owner—J. H. Hammond, Mount Kisco, New York

Wyebrook Farm is an example of what can be done in a financial way with Guernseys of quality. There are but thirty females in the herd. The product is sold for ten and one-half cents a quart in bulk, and since the first year this income has been sufficient to operate the farm. The sales of cattle represent the profit in the business. This statement might go unchallenged as it stands but Mr. Whitney leaves no doubt in one's mind on this phase for he opened his books and showed sales of live stock as follows: 1919—$11,319; 1920—$6,510; 1921 (eleven months)—$11,940.

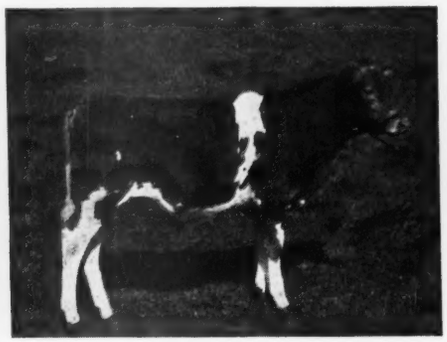
Even this may seem vague to some until a close study of the records reveals that the average of those made in the herd, consisting of five in class A, one in class BB, one in class D, three in class E, one in class F, and three in class G, is 13291.57 pounds of milk and 661.73 pounds of butter fat. The average of the herd is above this, but the average quoted here is that of the records made at Wyebrook Farm. A list of cows making these records together with the records made is given in the accompanying table.

With such production the matrons of the herd function as seed stock for high class herds. A pure bred cow's function is to supply bulls for pure bred and grade herds, thereby increasing the production of all dairy cattle. Wyebrook Farm has taken this burden seriously, or shall we say handsomely? The words of one of England's greatest writers are, "He that looks upon the cross, and takes it up handsomely will find it a burden as wings to a bird." In other words the joy of doing the duty well wins half the battle. Wyebrook Farm has proof that it is handsomely shouldering the Guernsey cross for buyers have been willing to pay an average of $1022 for the sires sold since the farm started with Guernseys.

Three Class Leaders have been developed at Wyebrook

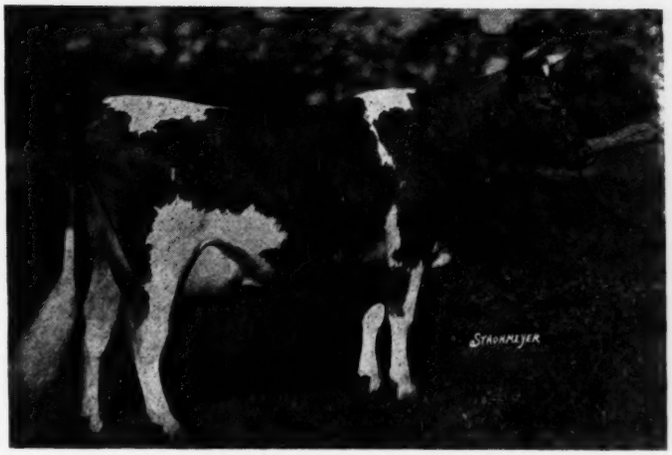


WYEBROOK AFRICUS 71635
Sire—Langwater Africander 57121
Dam—Fair Lady of Rockstone 90412
Breeder—C. L. A. Whitney, Albany, New York
Owner—E. N. Benson Jr., Chestnut Hill, Pennsylvania

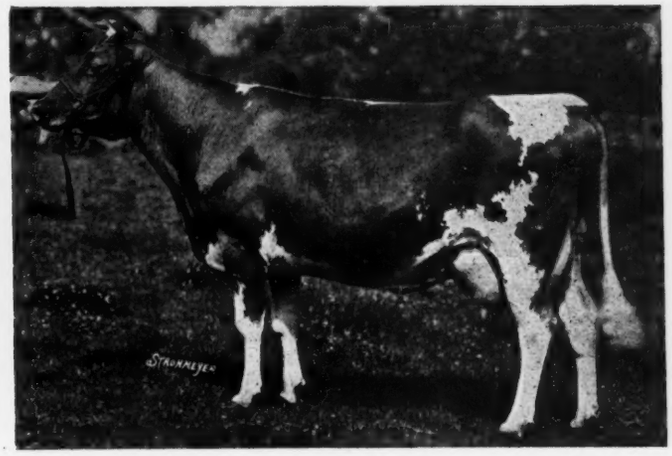


WYEBROOK EMINENCE 75296
Sire—Langwater Knight 468
Dam—Ultra Edith 1002
Breeder and Owner—C. L. A. Whitney, Albany, New York

WYEBROOK LANCEMAN 64657
Sire—Langwater Knight 46830
Dam—Lassie of Oakhurst 64368
Breeder—C. L. A. Whitney, Albany New York
Owner—William H. Forster, Erie, Pennsylvania



BRIGHTNESS OF INDIAN BRIDGE 85110
Credit: 8653.2 lbs. of milk; 459.16 lbs. of butter fat, in 198 days, in class F
Sire—Sir Elsax of Glenburnie 22796
Dam—Brightness of Glenburnie 30742
Breeder—James E. Russell, Trenton, New Jersey
Owner—C. L. A. Whitney, Albany, New York



DOTTIE OF WALDORF FARM 67134, A. R. 7866
Records: 10919.8 lbs. of milk; 511.39 lbs. of butter fat, class A
14534.7 lbs. of milk; 652.84 lbs. of butter fat, class A
Sire—Yeoman's King of the May 17053
Dam—Thirty Thousand Eight Hundred Sixty 30860
Breeder—Est. George Mixter, Hardwick, Massachusetts
Owner—C. L. A. Whitney, Albany, New York

Farm as follows: Imp. Wyebrook Rose 69245 with 14872.10 pounds of milk and 710.21 pounds of butter fat in class BB, Princess Ultra Grace 67269 with 14340.90 pounds of milk and 713.41 pounds of butter fat in class E, and Imp. Blanchflower XX. 47923 with 13553.70 pounds of milk and 687.93 pounds of butter fat in class E, and that later made 16304.60 pounds of milk and 840.46 pounds of butter fat in class A in the herd of H. M. Sage.

Two sires are now in use. The junior sire is Wyebrook Supreme 58407, a son of Langwater Dairymaid 26377 with a record of 16949.2 pounds of milk and 812.66 pounds of butter fat. She is a daughter of Jethro Bass 11366 and Imp. Itchen Daisy 3d 15630. Langwater Dairymaid 26377 has often been called the outstanding individual of the breed when she was in her prime. She is in the herd at present and is safe in calf, and due to freshen May 28, 1922. The sire of Wyebrook Supreme 58407 is a son of Ne Plus Ultra 4th 29328, the sire of Guernest Ruth 76671, with a record of 14357.2 pounds of milk and 742.88 pounds of butter fat in class FF; also of Maple Glen Miss Frost 89053 whose credit is 11554.5 pounds of milk and 590.57 pounds of butter fat in 278 days in class GG. In this young sire Mr. Whitney has incomparable production as the Advanced Register records of his dam and both granddams average 802.68 pounds of butter fat and his ten Advanced Register dams average 784.50 pounds of butter fat. He is a very large bull for his age with a great deal of bone, and shows the dairy temperament of his dam and granddams His first calves show every evidence of advancing the high standard of the farm.

The senior herd sire is Langwater Knight 46830, a double grandson of Imp. King of the May 9001, through Langwater Warrior 26509 and Langwater Generous 41958. The blood lines of Langwater Knight 46830 are so well known they need no discussion. The interesting thing about him is the fact that so far he has shown great prepotency in that, without exception, his calves are better individuals than their dams. All have straight top lines, good tail settings, deep bodies and splendid heads and necks, and the two that have freshened have perfect udders and are on test. These daughters will be mated to Wyebrook Supreme 58407.

Fourteen cows make up Mr. Whitney's selection for the foundation of the future herd. Gretian of Vlaumans Kill 54374, with a record of 17249.0 pounds of milk and 790.19 pounds of butter fat on three milkings a day, and with a heifer calf by Langwater Knight 46830 dropped last October, is the matron that commands the attention of all. She is a cow that would be near the right end in any show ring and is a fit subject for an ideal of the breed. She is a granddaughter of George Washington of Fairfield Farm 10866 and Pretor 9316 on her sire's side and of Glenwood's Combination 8th 12550 on the dam's side. In other words her blood lines blend May Rose, and Glenwood breeding, a combination with a nick of individuality and production. Her daughter, sired by Governor Itchen of Chilmark 29255, is approaching her first calving and at present is one of the most promising young things on the farm. Governor Itchen of Chilmark 29255 is a son of Itchen Daisy's May King of Langwater 17349 and Lady Governor 23130, a granddaughter of Imp. Masher's Galore 8572 and Governor of the Chene 1297 P. S. Gretian's Itchen Bell of Vlaumans Kill 99579 will be heard from in the ring and pail.

Buttercup's Viola of Springside 89172 is another great cow. She is very typey, with a record on three milkings a day of 18349.5 pounds of milk and 824.36 pounds of butter fat. She is out of Imp. Buttercup II. of the Gron 23237, a full sister to Imp. Holden IV. 12179, and traces to Imp. Island Champion 6263 and Governor of the Chene 1297 P. S.

OFFICIAL RECORDS MADE AT WYEBROOK

	Lbs. of B. Fat	Class
Buttercup's Viola of Springside 89172	824.36	A
Gretian of Vlaumans Kill 54374	790.19	A
Stella's Favorite 2d 29167	750.09	A
Dottie of Waldorf Farm 67134	652.84	A
Imp. Daisy II. of the Friquet 40307	594.87	A
Imp. Wyebrook Rose 69245	710.21	¶BB
Heliotrope of Rick Neck 42114	572.16	D
Princess Ultra Grace 67269	713.41	¶E
Imp. Blanchflower XX. 47923	687.93	¶E
Lassie of Oakhurst 64368	637.23	E
Fillmore's Cherry 59108	648.36	F
Fair Lady of Rockstone 90412	618.15	G
Ultra Jeanette of Oakhurst 64720	574.90	G
Wyebrook's Favorite 63014	489.53	G
Average	661.73	

¶Class Leader Record

being a granddaughter of Imp. Golden Hero of the l'Etiennerie 12647. Besides her record she added to the herd an excellent heifer calf by Langwater Knight 46830. It is doubtful if a better pair of matrons can be found than Gretian of Vlaumans Kill 54374 and Buttercup's Viola of Springside 89172. Surely to improve the offspring of them is a task which if accomplished will bring fame to a sire. A great-granddaughter of Imp. Glenwood Girl 1693 on the dam's side and of Glenwood Girl 6th 9113 on the sire's side is Glenwood's Beauty of Haddon 29608 which carries the same strength that Mr. Whitney requires in his herd. She is equal in many ways to the two above mentioned. This line bred Glenwood cow will, Mr. Whitney feels, lend herself to maintaining the high standard of the herd.

Lassie of Oakhurst 64368, with a record of 12996.3 pounds of milk and 637.23 pounds of butter fat in class E, is one of the best daughters of Ne Plus Ultra 4th 29328, and one of the typiest cows in the herd. Her bull calf, Wyebrook Lanceman 64657, is now heading the herd of William H. Forster at Erie, Pennsylvania, and her previous bull, Wyebrook Ultra Lad 57638, heads the Waldorf Farm herd of O. F. Kinney.

Brightness of Indian Bridge 85110 is on test in class F and in each of her first five full months has produced between 65 and 78 pounds of butter fat. In her first 198 days she has produced 8653.2 pounds of milk and 459.16 pounds of butter fat. This heifer is a daughter of Sir Elsax of Glenburnie 22796 and Brightness of Glenburnie 30742, two Guernseys of the Masher line, bred by James E. Russell, Peekskill, New York. Sir Elsax of Glenburnie 22796 is by Itchen Daisy's May King of Langwater 17439, out of Golden Elsie 2d 33422, a splendid Advanced Register daughter of King Masher 11084. Brightness of Glenburnie 30742 has Advanced Register records of 553.28 pounds of butter fat in class G, and 709.95 pounds of butter fat in class D, and is a daughter of King Masher 11084. Upon the completion of her class D record she qualified for Class Leadership. Brightness of Indian Bridge 85110 has dropped a bull calf, Wyebrook Brilliant 74331, sired by Langwater Knight 46830.

Dottie of Waldorf Farm 67134 is another productive matron, with a record of 14534.7 pounds of milk and 652.84 pounds of butter fat. She is a daughter of Yeoman's King of the May 17053 and out of a daughter of Prince of Groton 9841. She does not carry the extreme dairy temperament of some of the others but is extremely wide and long, and furnishes a different blood blending than any of the others yet has the scale and type. She adds, as it were, a different angle in the breeding program.

In Lilyeta of Chicona 85640 Mr. Whitney introduces May Rose blood through both sire and dam, but from a different strain. Her sire, Langwater Traveler 38325, is a son of Langwater Holliston 28055 and out of Langwater Lustre 47044. Her dam, Lily of Chicona 65538 with 11395.5 pounds of milk and 516.69 pounds of butter fat is a daughter of King of Medfield 15434, a son of Imp. King of the May 9001. It will be seen that back of most of the May Rose animals in the herd is a dominance of the blood of Imp. Itchen Daisy 3d 15630, a cow worthy of an attempt to reproduce.

To this group of excellent females Mr. Whitney adds five more. Wyebrook Cora 95374, a daughter of Sunnyside Laddie 30462 which is a grandson of Itchen Daisy's May King of Langwater 17349 and Sir Masher 11082, a son of Imp. Masher's Galore 8572, is an example of what production calls for in dairy cows. She has made 8805.10 pounds of milk and 446.28 pounds of butter fat in 250 days in class E. One of her sons, Wyebrook Candor 75295, is now in use as the herd sire of Fred Armer, Ballston Spa, New York.

Six daughters of Langwater Knight 46830 complete the foundation animals. One of them is Wyebrook Queen 95261, whose dam is Wyebrook Lavender 76087, a double granddaughter of Imp. Froome's Queen 28706 that has five Advanced Register records, one of which is 750.80 pounds of butter fat, and has her six nearest ancestors in the Advanced Register.

Wyebrook Grace 99205, a daughter of that great daughter of Ne Plus Ultra 15265, Princess Ultra Grace 67269, is a treat for any lover of promising young animals. She looks to be really out to eclipse her mother's record of 14340.9 pounds of milk and 713.41 pounds of butter fat.

Wyebrook Marvel 103945, another youngster, is a granddaughter on her dam's side of Imp. Wyebrook Rose 69245, and her dam has a class F record of 507.92 pounds of butter fat. Wyebrook Vanity 115460 is out of a daughter of Governor Itchen of Chilmark 29255. Wyebrook Village Maid 123272 is out of Buttercup's Viola of Springside 89172 with a record of 824.36 pounds of butter fat. Wyebrook Leading Lady 123271 is out of Lassie of Oakhurst 64368 with a record of 637.23 pounds of butter fat in class E.

A study of these animals shows that Mr. Whitney has been thinking and planning for future years. He has combined the best strains available of several strong families. The future of course is unknown but the words of Mr. Whitney as he hurried away to his other tasks were, "Breeding live stock cannot be done on paper. Some men work out attractive looking pedigrees, produce the animal, and then meet with real disappointment when buyers are not enthusiastic. The first thing is individuality with production. Wyebrook Farm is striving constantly to produce individuals capable of transmitting their type and production."

A man with such thoughts in mind and willing to work untiringly as Mr. Whitney does, will make Guernseys better, not only at Wyebrook Farm but wherever these strong breeding individuals go.

PRIMROSE OF COURTIL du RAY 5082 F. S.

PRIMROSE of Courtil du Ray 5082 F. S., the champion cow on the Island of Guernsey since August 3, 1920, when she completed a record of 899.48 pounds of butter fat, is again on official test and in her first full month, October, she produced 89.06 pounds of butter fat. Her two daughters Primrose II. of Courtil du Ray 16700 P. S. and Primrose III. of Courtil du Ray 17797 P. S. are also on test. The first has produced a total of 8124.5 pounds of milk and 420.41 pounds of butter fat in her first six months. She was four years and six months old at the commencement of her test, last May. Primrose III. of Courtil du Ray 17797 P. S. produced 51.61 pounds of butter fat in October, which was her eighth month on test. She was three years and five months old when she commenced her test. The first two cows are owned and are now being tested by Mr. John Gilroy, La Croute, Vale, Guernsey. The third cow is owned by Messrs E. H. Wheadon & Sons, La Couture, Vale, Guernsey.

Primrose of Courtil du Ray 5082 F. S. is now on test for the third time. Within two months after completing her championship record, she dropped a fine bull calf, weighing seventy-five pounds at birth. Eleven and one half months later, September 14, 1921, she dropped another fine calf and she commenced her test seven days later. It is very clear that her high yield has in no way interfered with her breeding qualitities and the performance of her two daughters show that she is able to transmit high productivity to her progeny.

SOILING SYSTEMS SUPPLY SUCCULENCE

A Few Suggestions Maae in Anticipation of Short Summer Pastures

H. W. BALDWIN

EVERY year, throughout the dairy sections of our country, the farmer is confronted with the problem of maintaining milk production during the hot summer months. During this period, pastures are usually dried up, or eaten bare by continuous use. If milk production is permitted to decline at this time, because of a lack of succulent feed, it may be very hard and sometimes impossible, to get the cow back to her normal flow. If she has freshened during the spring or early summer, it means that she will go through the winter with a much lower production than otherwise would have been the case. Fortunate is the farmer who has a summer silo, for he is insured against a decrease in production. But for the man who is not so favored, there remains the various soiling crops that can be used to supply succulence during that critical period. In Europe, the custom of soiling has long been followed, and is probably used more extensively than in this country.

When compared with pasturing, soiling has a number of advantages. Some of these are of importance, while others have less value. These advantages are:—

1. A greater yield of feed from an acre of soilage than from an acre of pasture.
2. There is less waste, especially if stall fed.
3. Soiling furnishes a uniform supply of feed throughout the summer.
4. Some authorities claim that soiling keeps the cows in better condition.
5. Soiling tends to increase the average production of the milking herd.
6. It adds variety to the summer ration.
7. It permits a decrease in the amount of grain constituting the summer ration.
8. When pastures are short, and the cows are prevented from picking out the choicest grasses, they are often required to eat weeds, many of which will impart an undesirable flavor to the milk. Feeding soilage will prevent this.
9. In many cases, soiling conserves and permits of a better utilization of the manure.

Despite these numerous advantages, soiling also has a number of disadvantages. Probably the two most important, and the ones which have prevented a more widespread use of soiling, are the cost and labor required; and the difficulty in providing a proper rotation or succession of crops. In order that the crop may be used to its greatest advantage, it must be cut daily, and this involves no small amount of labor, especially if the herd is of any size. Also, a number of sowings throughout the season will be needed to supply a sufficient amount of feed, and to supply it so that it can be fed while green, and before any of it starts to mature. This also adds to the labor and cost. Variations in climatic conditions, as well as variations in the times and rates of sowing, and length of growing season required by each crop before it can be cut, are factors that add to the difficulty of providing a suitable rotation. Since it is fed every day, the crop must be cut daily despite the weather, and during wet weather this is disagreeable, to say the least. Many times a soiling crop will fail due to the same reasons that other crops fail. This will interrupt the smooth running of the system and it may be necessary to resort to dry feeds.

If it is possible to place the soiling crops in the regular farm rotation, this should be done. But in case the farm is large, or the fields scattered, it may not be practical. If it is necessary to provide a special plot for soiling crops, it should be located as near the barn as possible for the sake of convenience. Since large yields are desired, liberal amounts of manure should be applied, the soil well worked, and a good seed prepared. For the same reason, a thicker seeding should also be used than is ordinarily made. This has an added advantage of making a finer-stemmed feed, one that the cows will clean up better, and with less waste. If large amounts of the crop are fed, the mower, hay rake, hay loader, or corn binder can be used for harvesting.

Soilage can be fed on the pasture or in the barn, but when pasture fed there is more waste, and unless it is fed the first thing in the morning, the cows will hang around waiting for it. When barn fed there is more labor, but less waste, and, if fed during the middle of the day, the cows will be protected from the mid-day sun, and if desired, they can be sprayed as a protection against flies. Barn feeding will also permit of two or three feedings per day, while on pasture, soilage is usually fed but once. But when pasture is available, feeding more than twice a day is not considered advisable. The amount fed daily depends on the amount of pasture and the crops grown. With a partial soiling system as described here, and the one most generally used, from forty to seventy pounds of green feed will be consumed per cow per day in addition to pasture.

In regard to the feeding of soilage it may be well to mention a few precautions. When harvesting this soilage, particularly with the hay rake, care should be taken to prevent a large amount of soil from becoming mixed with the feed. If allowed to stand around it piles, especially on hot days, soilage is liable to heat or ferment. Feeding this heated or fermented soilage is very apt to cause digestive troubles. For this same reason, namely that of fermenting, it is not advisable to cut more than one day's supply at a time. When weather conditions make it necessary to cut the soilage while still wet, the amount fed should be reduced, as the wet feed will often produce scours.

As an aid in choosing crops suitable for soiling purposes, the following factors may be considered; climatic conditions of the section, protein content, (when two feeds have the same yield, favors the one with the highest protein content), palatability, time required to mature, and ease of harvesting. Leguminous crops are always recommended for soilage purposes whenever it is possible to grow them. Their higher protein content not only makes them more valuable as a feed than the non-leguminous crops, but they also improve the soil. Since they do contain a higher protein content, it will be possible to decrease the amount of protein concentrates purchased. And as these are the most expensive of the purchased grain feeds, the cost of the ration is also reduced.

Some of the leguminous crops that can be used for soiling purposes are alfalfa, red clover, alsike clover, sweet clover, Canadian field peas, cowpeas, and soybeans.

ALFALFA:—It can probably be said that this is the most valuable legume for soiling purposes. There are many reasons for this, among them being the fact that all the various cuttings can be used, because of its ash and protein content it has a high nutritive value, and it is palatable. When sufficient acreage is available, it is possible to have alfalfa furnish green food throughout the entire season. There is one precaution that must be taken, this being not to cut the same field more times than it would

be cut for hay. Too many cuttings are apt to weaken the plant, thereby injuring the stand. It has been found that cows will not consume such large quantities of green alfalfa as they will of the alfalfa hay. Probably its greatest disadvantage as a soiling crop is because of the short time it is available.

RED CLOVER:—Though grown extensively throughout the United States, red clover is not an important soiling crop, chiefly because it can be fed for only a short time before the stems become woody, and in comparison with alfalfa it does not yield as well. The plant contains a higher protein content and less fiber just before the blossoms appear, and it is at this time that the crop should be cut, for soiling. Care must be taken not to feed the red clover when it is wet with dew or rain, or is wilted, as it is then liable to cause bloating. In some sections the second crop can also be utilized for soiling.

ALSIKE CLOVER:—This makes a feed of excellent quality because of its fine leaf. It will make a good growth on any average soil, but is especially adapted to low wet land that is insufficiently drained. When grown on low wet land, it makes a very luxuriant growth. As a soiling crop, alsike is very palatable, it can be fed in large quantities, and it seems to have a favorable influence on the milk yield. Possible two disadvantages that may be mentioned are that it may not yield quite as well as red clover, and the plant has a tendency to lodge.

SWEET CLOVER:—A trouble that may be experienced with sweet clover will be that of getting the cows to like it at first. As a soiling crop it has two other disadvantages, the feeding period is relatively short, and the stems rapidly become woody. Sweet clover will grow on poor soils, and where alfalfa or red clover will not successfully grow. When cutting sweet clover, care must be taken not to cut too close, because the new shoots come from the stem only, and not from the crown as with alfalfa. The value of this plant as a soiling crop is questionable. Some claim that it is not satisfactory, while others claim the opposite.

CANADIAN FIELD PEAS:—Due to its low yield when planted alone, this crop is not valuable for soiling purposes. Its slight stems of slender growth prevent it from supporting the plant. In mixtures, Canadian field peas are very satisfactory, as the green forage is palatable, and the cows will consume it in large quantities.

COWPEAS:—As a soiling crop, cowpeas furnish a palatable feed during the latter part of the season. They are, however, more adapted to the climate of the southern states.

SOYBEANS:—Soybeans have a feeding value ranking with alfalfa, with the added advantage of being more drought and heat resistant. It is recommended that when grown for soiling purposes, soybeans should be seeded heavily. Excessive weeds may make it necessary to practice cultivation. This crop also has a slight taste which makes it unpalatable the first few times it is fed. This soon disappears and the crop makes a very satisfactory feed. When cutting the soy beans, particularly, in wet weather, it may be difficult to prevent a large amount of dirt from becoming mixed with the crop. This should be guarded against as much as possible, since it is very apt to cause digestive disturbances.

With the non-leguminous forage crops, there is a greater variety for soilage than with the legumes. Under most conditions these non-leguminous crops will provide larger and more economical yields, although they lack the high protein content. Some of the more important non-leguminous crops suitable for soiling purposes are dent corn, sweet corn ,oats, winter rye, fox tail millet, amber cane, and sudan grass.

DENT CORN:—Because of its palatability and good yields, dent corn is used to some extent as a soiling crop. It has the disadvantages of being difficult to handle, and the cows will not eat it up very clean. Another drawback to feeding corn as a soilage crop is that the cow is not given much of a variety when her winter ration is also taken into account. However, corn will give good and economical yields, is palatable, and can be classed as a successful feed for soiling purposes.

SWEET CORN:—This is more palatable than the dent corn, and is probably used for soiling more than the other kinds of corn. In yields, if the larger varieties are used, it compares favorably with dent corn, and it also has the added advantages of staying green longer, and the leaves will not fall as quickly. It is not so difficult to feed as dent corn, and since it is not so coarse, the cows will clean it up better. If the ears have been removed for other purposes, the remaining plant will still furnish good soilage. The number of varieties grown will determine the length of the feeding period, and it may furnish feed throughout a considerable part of the late summer.

OATS:—For soilage purposes, oats do not yield as high as other crops that may be used. Neither is it very palatable and the cows may refuse to eat it as readily as they would other crops. A further disadvantage is that it may ripen too readily to be of value as a good soiling crop.

WINTER RYE:—Among the less important cereals, rye has probably been used for soiling purposes more than any other. It can be used very early in the season, but gives only fair yields, and does not rank high in palatability. Also, it may impart a disagreeable flavor to the milk.

FOX-TAIL MILLET:—Common, German, and Hungarian, are other varieties that are included here. The fact that they can be matured late in the fall, thus furnishing feed until frost, is an advantage that can be claimed for these varieties. If seeded thickly, millet will give a comparatively large yield. The variety used determines to a large extent, its value as a feed. The common millet makes a good quality feed since it is finer-stemmed and leafy, while the German millet, being coarser, is not eaten as readily. Millet matures rapidly, and when conditions are favorable, it can be harvested in six or seven weeks. Heavy seedings are advisable, as these give a forage of better quality.

AMBER CANE:—This is a valuable soiling crop, giving large yields under average conditions, is palatable and readily consumed by the cows, and may be fed for a long period without it becoming coarse and woody. As with some of the other crops, seeding should be fairly heavy to insure a finer-stemmed cane, and hence one that will be more palatable and more readily cleaned up. Its chief disadvantage lies in the fact that the crop is difficult to handle. In sections where two crops can be obtained, the second crop is apt to be poisonous if it is frosted or checked by dry weather.

SUDAN GRASS:—As a feed, sudan grass will give large yields, but may lose in palatability due to the fact that it dries out very rapidly when growing, thereby tending to become fibrous when mature. But if cut when not too ripe it makes a palatable and useful feed.

Many times mixtures of leguminous and non-leguminous crops can be advantageously grown, and will contain points that make them of added value for soiling purposes. Their adaptability to the locality and for growth in mixtures are two factors that determine the value of the crops to be grown together. Mixtures which have proved satisfactory are oats and Canadian field peas,oats and common vetch, barley and Canadian field peas, winter rye and hairy vetch, cowpeas and corn, cowpeas and cane, soybean mixtures, and, clover and timothy.

OATS AND CANADIAN FIELD PEAS:—This is a combination of great value among the early soiling crops, giving fairly large yields of a very palatable feed. The best time to cut the crop is when the oats are in the milk and the peas have filled the pod. At this stage it is the most palatable, and should be used at once, since it ripens rapidly thereby becoming less palatable. If two or three sowings are made, it will be possible to supply green feed for a period of from four to six weeks. A difficulty that may be encountered is that the oats may ripen before the peas. But if a late variety of oats are used, and possibly sowed a week or ten days after the peas have been drilled, this difficulty can be somewhat done away with.

OATS AND COMMON VETCH:—It has been suggested in some cases that common vetch be planted with oats in place of the field peas. But because of the fact that the yield is not as large, and also that the cost of the vetch seed may be so high as to make it impractical, it is doubtful if this mixture can be satisfactorily used.

BARLEY AND CANADIAN FIELD PEAS:—In value, this combination is similar to oats and peas, but it also has the same disadvantage, namely that of the barley ripening before the peas. By sowing the barley and peas after one of the early forage crops have been harvested, it may be possible, in some sections, to use this combination for fall feeding. When used in this manner, the barley and peas will give a good supply of forage during the fall months and it is also possible to use the same ground for two crops during the same season

WINTER RYE AND HAIRY VETCH:—This is a combination that proves very satisfactory, if the cost of the vetch seed is not too high. The rye acts as a support for the vetch, and the latter adds to the protein content of the combination, as well as increasing the yield. An additional advantage is that this crop will furnish green feed earlier in the spring than any other combination of legume.

COWPEAS AND CORN:—Here again, as with cowpeas alone, this crop is best suited to the southern sections of the country. But it is sometimes possible to obtain a large growth, particularly during dry seasons, if the corn is drilled thickly. The cowpeas will also increase the protein content of the feed. But because corn is not used extensively for soiling purposes, and because cowpeas do not materially increase the yield, this combination is not widely used.

COWPEAS AND CANE:—Since it is necessary to sow the cane thickly to prevent the stalks from becoming too coarse, it usually happens that the cowpeas are crowded out and do not make much growth. But when this mixture is grown, it is palatable, and is readily eaten by the cows. When fed in the manger there is but little waste. When grown alone, cane lacks the protein content added to the mixture by the cowpeas, but otherwise, yields are usually more economical and larger.

SOYBEAN MIXTURES:—Soybeans can be grown in many of the same combinations where cowpeas are used, and they are usually more desirable. Soybeans are better adapted to the northern conditions, and the resulting forage is equally as palatable, and with as high a protein content.

CLOVER AND TIMOTHY:—This combination has been used for soilage, but its value is increased if alsike is added to the mixture. However, it is not as palatable and does not yield as heavily as some of the other combinations, and usually is more satisfactory if matured for hay.

MAPLEWOOD FARM SALE

22 Guernseys, Including 7 Bulls, Average $319.32

ARE Guernsey breeders supporting Guernsey auction sales in these hard times? Most emphatically, yes, and in all kinds of weather. This is witnessed by the two most recent dispersal sales in the East. On October 15, before a ringside approaching 1000, the sixty-five head belonging to the estate of the late Arthur D. Potter, Greenfield, Massachusetts, averaged $384. On November 30, the twenty-two head belonging to the estate of the late Col. Spencer Borden, were dispersed at Woodstock, Vermont, for an average of $319.32. The story of the latter sale follows:

For five days preceding November 30 it stormed in New England. It was just a regular old fashioned one in the north that left about a foot and a half of snow for Col. Bain to stamp around in at Maplewood Farm. In the south the storm was of ice and raised such havoc with the telephone, telegraph and electric service as is not remembered by the oldest lineman. In spite of this there assembled a mile and a half from the nearest railroad at Woodstock, Vermont, and fourteen miles from the main line, on November 30, over 200 prospective purchasers of live stock and equipment. These were not all local farmers who simply wanted to pick up some second hand implements or cheap cows. Scattered throughout the crowd were well known Guernsey breeders from New York, Pennsylvania, Connecticut, Massachusetts, New Hampshire, and Vermont.

L. F. Herrick, managed the sale and Col. George Bain was the auctioneer. The twenty-two head of Guernseys which were sold comprised the very excellent herd which Col. Borden had assembled at his Woodstock and Fall River farms. Seven aged cows were sold, six of which have Advanced Register records which average 10572 pounds of milk and 534.46 pounds of butter fat. The seventh is now on test and has made 412 pounds of butter fat in 237 days. These seven averaged $525. The remaining eight females were heifers and young calves. These averaged $291.25. The bulls, with one exception, went rather low, but there were seven of them in a sale of twenty-two. The top priced bull was Jewel's Independence of the Glen 26697, a son of Jewel's Independence 10324 and is the sire of several Advanced Register daughters with very excellent records. He is out of Marion of the Glen 21201 that has a record of 15585.6 pounds of milk and 656.51 pounds of butter fat. He went to H. D. Brewer of Worcester, Massachusetts, for $625. Mr. Brewer also purchased the top priced female Katybeau 68003, for $1050. Katybeau 68003 was second in her class at the 1921 Vermont State Fair. She has an Advanced Register record in class D of 14074.60 pounds of milk and 688.47 pounds of butter fat. Her sire is Beau Regal 13448, by Imp. May Rose King 8336 and her dam is Katydid of the Glen 29561, by Jewel's Independence 10324.

The twenty-two head went to twelve different buyers, seven of whom were from Vermont, two from New York, and one from each of the states of Pennsylvania, Massachusetts, and New Hampshire. Mr. Brewer was the largest buyer from point of prices paid while G. W. Handy of West Hartford, Vermont, purchased the most animals.

A list of the purchasers together with animals purchased and prices paid is given on page 12.

SUNSHINE GUERNSEYS

"The Little Ray of Sunshine" in the Guernsey Horizon

NATHAN D. DODGE SHOE CO.

A FINE collection of dairy cows that will be of great benefit to the community and that will no doubt leave its impress on it for all time has been assembled at Sunshine Dairy Farm in North Hampton, New Hampshire, owned by the Nathan D. Dodge Shoe Company. This herd has in it the blood of May Rose 2d 3251 P. S., Masher 705 P. S., Governor of the Chene 1297 P. S., and in its younger stock the Sheet Anchor blood. These are the four great families represented in the Guernsey breed.

The herd is stronger in the blood of Masher than in the blood of any other family and the farm is interested in the results of crossing Masher and Governor of the Chene blood, the combination that has produced some of the great cows of the breed.

The senior herd sire, Wedgemere Fame 66351, traces on his sire's side to Governor of the Chene 1297 P. S. through his sire Cherry's Regent 54953. Cherry's Regent 54953 is a double grandson of Imp. Holden IV. 12179, one of the first few sires of the breed with a daughter that has produced the equivalent to 1000 pounds of butter fat.

Cherry's Regent 54953 is a son of Cherry of Edgewater 38413 champion in class G for some time, and now fourth cow in class G. Imp. Holden IV. 12179 is a grandson of Governor of the Chene 1297 P. S. Imp. Queen Regent IV. 22716, a granddaughter of Governor of the Chene 1297 P. S., is the granddam of Cherry's Regent 54953, with a butter fat record of 889.57 pounds in class A.

The dam of Wedgemere Fame 66351 is Topsy of Edgewater 45186, with an Advanced Register record in class F of 560.58 pounds of butter fat. Topsy of Edgewater 45186 is out of Imp. Topsy de Carteret 35401, with a record of 780.08 pounds of butter fat in class A, and is a granddaughter of Imp. Golden Secret 12599 and Langwater Early Rose 19145. Imp. Topsy de Carteret 35401 is a daughter of Valentine II. 3193 F. S., the dam of Valentine III. 7514 P. S., that until recently was the highest record cow on the Island of Guernsey.

The first five dams in the pedigree of Wedgemere Fame 66351 average 14171.4 pounds of milk and 719.01 pounds of butter fat, and the average age is less than five years. Topsy of Edgewater 45186 has not yet done her best, but has exceeded the record of her dam so far, and has yet to be tested as a mature cow. The other two dams comprising the first seven dams in the pedigree of Wedgemere Fame 66351 are Langwater Early Rose 19145 and Valentine II. 3193 F. S., cows that were never put on test but whose records for producing animals of rare type and producing ability are unequaled. Wedgemere Fame 66351 is a splendid individual of good size with a fine top line, and is a show bull.

The accompanying table gives the names of some of the outstanding cows in the herd, together with the Advanced Register records, sire and dam of each. Imp. Governs Lily 47516 has on both sides of her pedigree the famous cow Ladock Lily 6940 E. G. H. B. She also carries the blood of Columbia 1185 P. S., the sire of Imp. Golden Secret 12599, and the blood of Governor of the Chene 1297 P. S. through a grandson of Braye Boy 3d 1868 P. S. Imp. Richesse of Gold of Chene Farm 66035, an untested daughter of Governor of the Chene 1297 P. S., will be put on test when she freshens next time. At her last freshening she milked over fifty pounds a day. On her dam's side she has such animals as Loyal of the Tertre II. 1785 P. S., Lord Stranford 886 P. S. and Sly of the Bordages

SOME FOUNDATION COWS

IMP. GOVERNS LILY 47516, A. R. 4925
Records: 10765.0 lbs. of milk; 538.71 lbs. of butter fat, class F
11450.4 lbs. of milk; 547.81 lbs. of butter fat, class A
Sire—Governs M. P. 2458 E. G. H. B.
Dam—Imp. Governs Martha 45844

IMP. RICHESSE OF GOLD OF CHENE FARM 66035
Sire—Governor of the Chene 1297 P. S.
Dam—Lily Valinquet VII. 7029 P. S.

LETTIE OF FALCON'S FLIGHT 37577
Sire—Bell-founder 11681
Dam—Lou of Falcon's Flight 28117

DIANA OF FALCON'S FLIGHT 63351
Credit: 7339.2 lbs. of milk; 356.77 lbs. of butter fat, class A, in 214 days
Sire—Tango of Falcon's Flight 30473
Dam—Fu Fu of Falcon's Flight 46496

PHYLLIS IRENE 42713
Sire—Masher Sequel's Gold Dust 17009
Dam—Peggy of Pleasant Valley 22086

POLLY OF PINE TOP 100548
Credit: 2700.9 lbs. of milk; 130.87 lbs. of butter fat, class F, in 92 days
Sire—Imp. Bartlett's Masher 25481
Dam—Sequel's Buttercup of Pine Top 66890

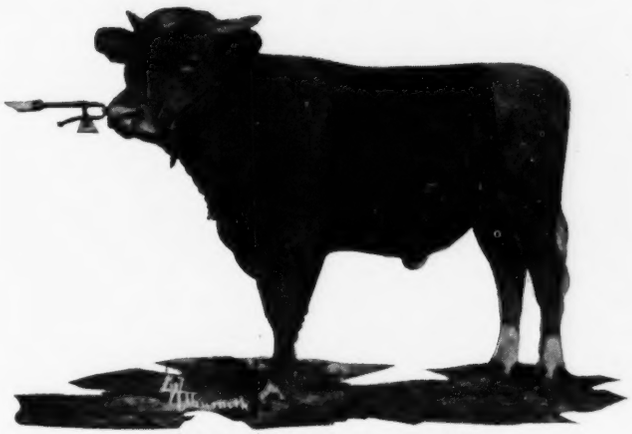
MIXTER GEMINA 62988, A. R. 6710
Record: 6874.7 lbs. of milk; 385.50 lbs. of butter fat, class E
Sire—Langwater Demonstrator 16451
Dam—Gemina 20650

FALCON'S BELLFLOWER 80195
Credit: 6229.3 lbs. of milk; 260.72 lbs. of butter fat, class D, in 173 days
Sire—Duke of Falcon's Flight 32123
Dam—Lesbia Lenfestey 56201

GISELA OF FALCON'S FLIGHT 74697
Credit: 5035.4 lbs. of milk; 219.49 lbs. of butter fat, class C, in 170 days
Sire—Duke of Falcon's Flight 32123
Dam—Fidelis of Falcon's Flight 54398

VIOLA OF INDIAN RIDGE 41584, A. R. 8289
Record: 8535.8 lbs. of milk; 532.54 lbs. of butter fat, class AA
Sire—Imp. Masher's Sequel O. K. 13941
Dam—Harpsichord of Paxtang 16387

DIREXIA'S VIOLET 33366, A. R. 2611
Records: 7206.4 lbs. of milk; 428.92 lbs. of butter fat, class G
9891.4 lbs. of milk; 577.87 lbs. of butter fat, class E
Sire—Triple Champion 13067
Dam—Direxia 18254



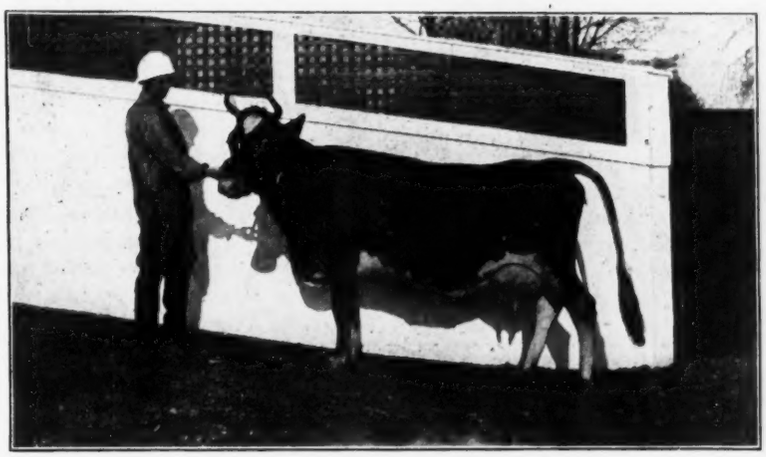
WEDGEMERE FAME 66351

Sire—Cherry's Regent 54953 Dam—Topsy of Edgewater 45186
Breeder—Charles H. Jones, Wellesley Farms, Massachusetts
Owner—Nathan D. Dodge Shoe Company, Newburyport, Massachusetts

DIANA OF FALCON'S FLIGHT 63351

Credit: 7339.2 lbs. of milk; 356.77 lbs. of butter fat, class A, in 214 days
Sire—Tango of Falcon's Flight 30473 Dam—Fu Fu of Falcon's Fight 46496
Breeder—B. Austin Cheney, Litchfield, Connecticut
Owner—Nathan D. Dodge Shoe Company, Newburyport, Massachusetts

988 P. S. Lettie of Falcon's Flight 37577 through her sire is a half sister to Countess Prue 43785, the world's champion Guernsey cow. Through her sire and her dam's sire, Banzai 10136, she is a three-fourths sister to My Fancy of Falcon's Flight 42999, that sold for $5000 and has a record of 18214.7 pounds of milk and 979.11 pounds of butter fat in class A. Diana of Falcon's Flight 63351 through her dam is a granddaughter of Bell-founder 11681. Her dam is a twin sister to Fi Fi of Falcon's Flight 46495 that has a record of 554.31 pounds of butter fat in class B. Tango of Falcon's Flight 30473 is strong in the Masher blood, being sired by Raymond's Pioneer of Lewison 19103 and out of Imp. Alderney Cherry 40370, a daughter of Chieftain R. A. A. S. 62 F. S. Phyllis Irene 42713 is a granddaughter of Imp. Masher's Sequel 11462, and traces to Royal Squire 4th of L'Etiennerie 1210 P. S. This cow is a persistent milker and will freshen soon with a calf sired by Wedgemere Fame 66351. She will be put on test, not withstanding that she will be ten years old next June. Polly of Pine Top 100548 is another Masher bred individual with a slight infusion of May Rose blood. Her sire is a grandson of Masher R. A. A. S. 63 F. S. whose sire and dam were Jumbo R. A. A. S. 59 F. S. and Nellie R. A. A. S. 393 F. S. Jumbo R. A. A. S. 59 F. S. is also the sire of that famous cow Imp. Hayes Rosie 15476, the dam of Imp. Yeoman 8618. The dam of Polly of Pine Top 100548 is a granddaughter of Langwater Cavalier 21012. She is also a granddaughter of Imp. Masher's Sequel O. K. 13941, a son of Imp. Masher's Sequel 11462. Imp. Bartlett's Masher 25481 is a grandson of Admiral Togo R. A. A. S. 53 P. S., the sire of seven Advanced Register daughters. Mixter Gemina 62988 has the conformation of a fine cow with a particularly beautiful udder. She is the dam of a promising heifer that will freshen soon. Duke of Falcon's Flight 32123, the sire of Falcon's Bellflower 80195, is a double grandson of Banzai 10136, a son of Imp. May Rose King 8336. Falcon's Bellflower 80195 carries the blood of the May Rose, Masher, and Sheet Anchor families. The granddam on the sire's side is Little Duchess 24788 with a



IMP. GOVERNS LILY 47516, A. R. 4925

Records: 10765.00 lbs. of milk; 538.71 lbs. of butter fat, class F
11450.40 lbs. of milk; 547.81 lbs. of butter fat, class A
Sire—Governs M. P. 2458 E. G. H. B. Dam—Imp. Governs Martha 45844
Breeder—William Simmons, England
Owner—Nathan D. Dodge Shoe Company, Newburyport, Massachusetts

BRINGING IN A LOAD OF SEAWEED FOR FERTILIZER

record of 13616.3 pounds of milk and 655.36 pounds of butter fat in class A. The dam of the dam is Lagia Lenfestey 25370 that has a record of 737.68 pounds of butter fat in class A. Gisela of Falcon's Flight 74697 is of very much the same breeding, being by the same sire and out of a dam with a record of 10792.1 pounds of milk and 501.92 pounds of butter fat in class C. She traces on both sides of her pedigree to Cassifide 17304 that has produced some fine daughters and has a record of 534.15 pounds of butter fat in class A. She also carries the May Rose and Masher blood lines through Imp. May Rose King 8336 and Imp. Masher's Sequel 11462. Viola of Indian Ridge 41584 is another cow of good dairy type, whose daughters have done remarkably well and that is strong in the blood of Masher. She is a granddaughter of Imp. Masher's Sequel 11462 and a great-granddaughter of Glenwood Boy of Haddon 4605.

Sunshine Farm has some fine young stock being very fortunate in having the majority of their calves heifers.

Sunshine's Proud Belle is a daughter of Falcon's Proud Warrior 47559 and Diana of Falcon's Flight 63351. This heifer is a show animal and for quality is hard to beat. She shows in her pedigree Imp. King of the May 9001, Sheet Anchor 2934, Imp. Masher's Sequel 11462, Bell-founder 11681, Langwater Strongheart 10308, the Sheet Anchor bull that did so much for Countess Prue 43785. Then there is Sunshine's Pride of Birth by Falcon's Proud Warrior 47559 and out of Falcon's Bellflower 80195, which is May Rose, Masher, and Sheet Anchor again.

Another young animal is Sunshine's Proud Jessamine 110336, a daughter of Falcon's Proud Warrior 47559, and out of Stockbridge Jenny 33311, a daughter of Bishop of Hildesheim 12091, a cow that is now in the herd of Postmaster R. M. Baker of Boston, and a fine old cow of splendid bone that has still some useful years ahead of her. Lady Josie of Miller Hill 110398, sired by Langwater Recluse 31327 and out of Direxia's Violet 33366, an Advanced Register cow, is another animal of May Rose, Masher breeding with a strong infusion of Yeoman. Direxia's Violet 33366 is a daughter of Triple Champion 13067, a sire of note. Sunshine's Pine Blossom is sired by John Q. of Pine Top 59471, a son of John Q. of Edgewater 20967 and out of Polly of Pine Top 100548. This is also a May Rose, Masher, Governor of the Chene animal.

Sunshine Farm believes in production of milk. They believe that the quality of the milk of any good Guernsey is good enough. The flow of milk that the Guernsey cow gives, can, through careful breeding, be increased, and still retain all the qualities that are necessary.

The proprietors of Sunshine Farm also believe that care and feeding are greatly responsible for the success of cows and individuals. The tests that are being made at Sunshine Farm are in stanchions, but the cows are well attended and cared for, and above all, are kept clean.

They are new in the business, but thoroughly interested. They believe that the Guernsey cow is the coming cow and the only cow, and they hope that they may eventually do something for the breed that will be worthy of note.

The products of Sunshine Farm are used principally by the employees of the Nathan D. Dodge Shoe Company in whose plant a restaurant is operated, where the wonderful products of the Guernsey cow and eggs from pure bred White Wyandotte and other farm products are dispensed.

The farm is happily situated near Rye Beach, New Hampshire, where one of the helpful things is seaweed for fertilizing. An accompanying picture shows the teamster on his way home from the beach with a load of seaweed.

The farm is superintended by E. P. Coombs, formerly of Maudesleigh, and the herd is in charge of Miss Fannie C. Knapp. Visitors are welcome and will be pleasantly received by them at any time.

Maplewood Farm Sale

(Continued From Page 9)

N. E. Borden, Woodstock, Vermont	
Woodlands Roscun 68453 (Bull)	$80
Posy's Masher 67270 (Bull)	55
H. D. Brewer, Worcester, Massachusetts	
Jewel's Independence of the Glen 26697 (Bull)	$625
Sweet Briar of the Glen 25739	300
Katybeau 68003	1050
G. W. Handy, West Hartford, Vermont	
Briar Rose of Interlachen 120141	$175
Katy Five 112012	275
Heifer out of Katydid of the Glen 29561	325
Gala Beauty of the Glen 61396	550
Star Regal 58125	160
Burton Jewel 111437	230
W. B. Jones, Woodlands Farm, White Plains, New York	
Heifer out of Beauharnais's Beauty 96390	$180
C. McK. Lewis, Sterlington, New York	
Merry Widow of the Glen 59093	$550
Posy of the Glen 83680	480
L. F. Martin, Brandon, Vermont	
Burton Lady of Dexter 47494	$500
L. E. Merritt, Hartland, Vermont	
Marva's Highbred 29667 (Bull)	$50
Beauharnais 39762 (Bull)	35
H. A. Morse, Charlestown, New Hampshire	
Katymar's Budge 107974	$550
T. W. and I. W. Roberts, Bala, Pennsylvania	
Star Katy 95443	$400
G. F. Robinson, Woodstock, Vermont	
Star King of Maplewood 47484 (Bull)	$75
C. B. Snell, Woodstock, Vermont	
Berna La Belle of High Hill 100720	$195
S. N. Stone, Windsor, Vermont	
Beau Budget 50702 (Bull)	$100

Forms Permanent Organization

The Washington County Guernsey Club, Washington County, New York, was formally organized on December 17, at Greenwich, at a meeting of about twenty breeders. The temporary officers were elected to permanent positions in the new club. The constitution and by-laws were adopted, and plans for the coming year were discussed. A bull sale is contemplated for the benefit of dairymen in the county who are now in need of prepotent sires to head their grade herds. It was suggested that the breeders should make an excellent showing of Guernseys at the County Fair next fall, and from the exhibit select a County Herd to be taken to the State Fair.

F. S. Stimson

F. S. Stimson, president of the Pacific International Live Stock Exposition and an extensive and successful breeder of Holsteins died on November 24, 1921, at his apartments in Seattle, Washington. Death overtook Mr. Stimson very suddenly. He was preparing to leave for his Hollywood Farm for Thanksgiving dinner, and his daughter-in-law was the only relative present at the time of his demise.

A HERD FROM ONE COW

41 Calves, Descended From Foundation Cow, Dropped in 10 Years

JOHN T. McKNIGHT

THE story of how I secured a small pure bred herd at the initial expense of only one cow, and a statement of some of the results attained after a period of ten years, may perhaps be interesting and prove an inspiration to someone to start breeding pure breds in a small way, if not in a position to stock up heavily at the outset.

In January, 1911, I purchased a pure bred four year old cow, Lady Sylvia of Barnstable 21156, due to freshen in May of that year,—this being the only pure bred female I ever bought. About a year previous to that time I had secured a nice registered Guernsey bull calf. The cow dropped a heifer calf in May, 1911, and the next May gave me another heifer. She has, in fact, given birth to a strong healthy calf every year and every year in the month of May, with a single exception, when the freshening time went over into the month of June. She has thus given me eleven calves—eight of which were heifers, with three bulls. She is safely in calf again for next May. Since January, 1911, I have had forty-one pure bred calves dropped on the place, all direct descendants of this one cow, Lady Sylvia of Barnstable 21156. Twenty-six of these calves were heifers, and the number of bulls fifteen. When the first calf grew up and freshened for the first time she gave a heifer and all this helped to give an early start toward a pure bred herd.

The second and third daughters of the mother cow were sold off, after each had freshened the first time,—each giving a heifer calf. One other daughter was killed by lightening. In the care and feeding of the calves we have had fairly good results, yet not entirely free from difficulties. One nice calf was lost by white scours and one was sacrificed by exposure and pneumonia. Still with all these five females early removed from the herd, we have now, after a period of a little over ten years, a bunch of twenty-one females— here at Oaklawn Farm—all descendants of the one mother cow. We now have four generations milking—all in direct line of descent. Grandma Sylvia is still strong and hearty and her udder is in perfect condition and she is breeding regularly.

LADY SYLVIA OF BARNSTABLE 21156

Sire—Washita 2d 10417 Dam—Nance of Wesana 17473
Breeder—Harold W. Blake, Concord, New Hampshire
Owner—John T. McKnight, Ellington, Connecticut

The general health of the herd has been good and we have had no case of abortion or failure to breed. In May, 1920, the herd was subjected to the tubercular test without a single reactor; and again in 1921 with like results, thus successfully passing the two annual tests and securing both the State and Federal certificate for an accredited herd. In explanation it might be said that every animal I have, both pure bred and grade, except Grandma Sylvia and the bull, were dropped and bred here on the place and nothing has been brought in for about a ten year period, except the herd bulls, and those have generally been secured as calves and from tested herds. Again, it might be said, our practice is to let the cows go out of doors for their water twice each day through the entire stabling season. We consider this very important to the general health of the cows and we personally have no desire whatever for drinking buckets in the stable. We follow the practice of dehorning as calves and it is interesting to see a friendly group all drinking together at the trough. In regard to the general health and vigor of the herd we can only say that we have endeavored to exercise reasonable care and furnish ample feed. They have not however, been especially petted and groomed and our stables are only ordinary. We claim no merit for the rather unusual high proportion of heifer calves, but such was our good fortune.

No attempt has as yet been made for Advanced Register records. It may be said, however, that they are a strain of high butter fat producers. Lady Sylvia of Barnstable 21156 averaged for a three year period by monthly samples and tests made at the local creameries, 6.7 per cent. butter fat. None of the daughters or granddaughters, while perhaps giving more milk, have quite equalled that per cent. in butter fat; but so far as home and local creamery tests have been made the average has been quite a little above 5 per cent. At the present

LADY JANE SYLVIA 36528

Sire—Frankwall's Early Riser 12116
Dam—Lady Sylvia of Barnstable 21156
Breeder—Mrs. Julia H. Copeland, Middleboro, Massachusetts
Owner—John T. McKnight, Ellington, Conn.

DAUGHTERS OF MIXTER COMRADE 39197

MARSH MARIGOLD 51232

Sire—Prince Sea Breeze 18835
Dam—Lady Jane Sylvia 36528
Breeder and Owner—John T. McKnight
Ellington, Connecticut

time the cream goes to Springfield, Massachusetts, through the Somers Creamery Company. The separator milk is fed to the calves.

Only good bulls have been bought and reared to head the herd, but if we have made any mistake in that line it is perhaps in not following more closely to one particular strain. One of our bulls was Oaklawn's Jewel 26836, a son of Langwater Sailor 20610, of Moorland Farm, Kensington, Connecticut. The bull until lately with the herd, was Mixter Comrade 39197, a son of Dean of the May 21815, and a grandson of Yeoman's King of the May 19053, and whose calves are now coming into milk. We show herewith a picture of five of his daughters. The present bull is General Pershing of Oaklawn 56869, high in May Rose blood.

In 1911, at the time of purchasing our first pure bred Guernsey cow, Lady Sylvia of Barnstable 21156, we had about ten good high grade Jersey cows. From the first cross with our Guernsey bull we secured a half dozen or more nice heifer calves that looked to be pure bred Guernseys. As these grade heifers and the pure breds grew up, the Jersey cows gave place to them and we were not long in making the change over to a Guernsey herd. Later as the pure breds increased in numbers the grades have been sold off, but we still have ten selected high grades, all young.

Editor's Note: Between the writing of the above article and its publication, Mr. McKnight has sold eight purebreds, due to lack of sufficient stable accommodations.

NATIONAL MILK PRODUCERS MEETING

Hon. Sydney Anderson of the Joint Congressional Commission of Agricultural Inquiry Reveals Discoveries of Commission

The principal speaker on the second day at the National Milk Producers' Federation meeting, Cincinnati, on November 28-29 was Representative Sydney Anderson of Minnesota, chairman of the Joint Congressional Commission of Agricultural Inquiry, who gave an impressive account of the discoveries and conclusions of the Commission. He advocated a broad extension of banking facilities to meet farmers credit needs and an immediate downward revision of transportation costs, passage by the Congress of legislation legalizing co-operation and co-ordinate governmental action to stablize public confidence.

The Commission has found that in 1920 the purchasing price of the farmer's dollar was worth 68 cents of the dollar in 1913. During the world economic crisis of 1920-21 prices of farm products declined faster and to a lower point than did prices of other commodities. During the past 30 years quantity production of farmers had kept pace with increasing population but had fallen far behind the quantity production in other industries. In its comparative studies of income, the Commission has found that the farmers, representing 30 per cent. of the population, last year received in the aggregate about 16 per cent. of the total national income. The average income of the farm population, after allowing 6 per cent. for interest on investment, was $444 in 1913, $1456 in 1919, and $463 in 1920, but in terms of buying power this income was worth $414 in 1913, $833 in $919, and only $219 in 1920.

The Commission had concluded that the economic crisis started in Japan with the break in the silk industry and the boycotting of Japanese goods by the Chinese. It spread southward to Java and India, to Germany, France, and England, reaching the United States and Canada. He dwelt at great length on the inter-play of forces, one upon the other, which intensified the calamity.

"Farm prices must be brought upward," he declared, "to put them in line with other prices."

He gave some striking figures in discussing the transportation question. The Commission took four farm implements—a wagon, a gang plow, a corn binder, and a grain binder—as a basis of comparison. These four implements at Springfield, Ohio, in 1913, sold for $441, $874 in 1920, and $700 in 1921. At Oklahoma City their cash price was $474, in 1913, $934 in 1920, and $757 in 1921.

To purchase these implements it required at Springfield 713 bushels of corn in 1913, 2027 bushels in 1921. In Oklahoma City it required 931 bushels of corn in 1913, and 4191 bushels in 1921.

Mr. Anderson stated that the Commission has found that the farmer not only pays the freight on raw materials going into the making of the farm implements and the freight on the manufactured products to his railway station, but he also pays the freight on his corn from shipping point to market. The actual freight cost from Oklahoma City to Chicago on the necessary number of bushels of corn to buy these four implements was $130.44 in 1913, $112 in 1921.

The Congressman proposed an adaptation of the present banking machinery to meet credit needs rather than revolutionary departures.

Charles W. Holman of Washington, D. C., submitted a report of the activities of the Washington office of the Federation and analyzed the present status of federal legislation in which the Federation is interested. He said that both the Capper-Volstead co-operative bill, H. R. 2373, and the Voigt bill, H. R. 8086, which seeks to prohibit interstate commerce in imitation milk, occupied favorable positions in the minds of the legislators. He said that he was optimistic as to the final passage of the co-operative bill in the text that it passed the House early in the life of the present Congress.

Mr. Holman stressed the necessity of dairymen impressing their Senators with the demand that farmers' co-operation be legalized and that the imitation milk traffic should be branded with the stamp of government disapproval. He also gave an account of the progress made in securing adequate tariffs on dairy products, stating that most of the farm organizations of the nation are now unitedly behind the Federation's demand for a tariff of ten cents a pound on butter and equivalent tariffs on milk and other dairy products based upon conversion rates in relation to butter fat contest.

D. G. Harry of Pylesville, Maryland, president of the Maryland State Dairymen's Association of Baltimore, and Secretary R. W. Balderston of the Inter-State Milk Producers' Association of Philadelphia, gave talks concerning the details of the plan for handling surplus milk which is used for both of those cities. They also dwelt upon their campaigns to increase the consumption of milk in the cities of Baltimore and Philadelphia which are carried out in co-operation with the National Dairy Council.

Mr. Balderston also made a presentation of the filled milk problem. He defined filled milk as that which has had the butter fat removed and vegetable oil substituted in its stead. "It is usually sold in the form of evaporated milk," said Mr. Balderston, "under many different trade names, the chief of which is 'Hebe.' It is used in large quantities in cream and ice cream and wherever evaporated milk is used except in those few states and communities where prohibitive legislation or regulations exist."

He pointed out that the increasing use of this product threatens to ruin the export of American canned milk in the same way that exports of American cheese were ruined a number of years ago by the filled cheese industry.

MORE ABOUT GUERNSEY SIRES

An Omission to be Removed From This JOURNAL and Placed in the December 15 JOURNAL

THE table below unfortunately was omitted from the article "More About Guernsey Sires", by J. H. Snyder, published in the December 15 issue of the GUERNSEY BREEDERS' JOURNAL. It is suggested that this page be removed, closely trimmed to the border lines of the table, and the table then fastened with paste to page 733 of the December 15 JOURNAL. The story will then be complete in that issue.

The table shows that there are fifteen points difference in the percentage production above requirements between classes A and G. According to the author, this seems to indicate that to make the classes comparable the requirements in the immature classes should be increased as indicated in the revised requirements.

TABLE IV.

SHOWING REQUIREMENTS, REVISED REQUIREMENTS, AND PERCENTAGE PRODUCTION ABOVE REQUIREMENTS FOR THE BREED AND DAUGHTERS AND GRANDDAUGHTERS OF BULLS STUDIED

	A		B		C		D		E		E		G		Total	
Requirements	360.0		341.8		323.5		305.3		287.0		268.8		250.5			
Revised Requirements	360.0		344.2		332.6		324.7		303.2		291.5		277 0			
Records	No.	%*	No.	%*	No.	%*	No.	%*	No.	%*	No.	%*	No.	%*	No.	%*
10484 Guernsey Records	3057	142	693	143	849	146	906	151	1062	150	1250	154	2567	157	10484	148
Daughters of 26 Bulls	246	148	53	148	57	156	86	157	71	153	106	160	170	167	788	156
Daughters of Sons of 26 Bulls	609	147	185	147	213	151	236	158	298	155	347	160	776	164	2664	156

* Percentage of production above requirements.

In registering Guernseys

THE RULES SHOW

that

Application blanks must be carefully filled out.
Fees must accompany all application forms.
The charges for Registry shall be as follows:

For American bred animals under 6 months of age	**A. G. C. C. members**	**$ 2.00**
	non-members	**3.00**
For Imported animals	**members**	**5.00**
	non-members	**10.00**
All animals over 6 months of age for whom a birth report has not been filed can be registered only with the approval of the Executive Committee and for a fee of		**$10.00**

IT PAYS

To belong to The American Guernsey Cattle Club
To register all animals promptly
To use the birth report privilege

For information and blanks, write

THE AMERICAN GUERNSEY CATTLE CLUB
Peterboro, New Hampshire

IF

You are one of the five hundred breeders now doing Advanced Register Testing

YOUR COWS

are among the elite of the breed. They are the leaders—the improvers of production. Bull calves from dams that

HAVE BEEN TESTED

are sought by progressive breeders to head and improve their herds. The five thousand most progressive Guernsey breeders now read the Guernsey Breeders' Journal. They recognize it as the one publication in which

THE OFFSPRING

of Guernseys of merit

SHOULD BE ADVERTISED

The facts of your herd in a quarter, half or full page will not only bring you more sales but will also enable you

IN THE

future to realize both wider prestige and greater profits

Your copy to appear in the February First

GUERNSEY BREEDERS' JOURNAL

should be mailed by January 4th and before the 18th for the mid-month issue

Address inquiries or copy to

AMERICAN GUERNSEY CATTLE CLUB, Box AA, PETERBORO, N. H.

GUERNSEY BULL ASSOCIATIONS

Compiled From Directory Issued by Federal Dairy Division, July, 1921

State	Name of Association	Secretary	No. of members	No. of bulls	Number pure bred cows	Number other cows	Total number cows	Year association organized
INDIANA								
	Fountain County Guernsey Bull Association	O. E. Furr, Veedersburg	23	2	31	97	128	1918
MARYLAND								
	New Windsor Guernsey Breeders' Association	H. B. Getty, New Windsor	8	6	36	98	134	1911
	Queen Anne's County Guernsey Bull Association	Sidney Gadd, Centerville	4	4	2	54	56	1921
MICHIGAN								
	Leer Guernsey Breeders' Association	Neal Benson, Leer	35	3	0	210	210	1909
	Climax Guernsey Breeders' Association	M. P. Harris, Scotts	31	5	0	175	175	1910
	Lake Superior Guernsey Breeders' Association	Wm. Erickson, Ironwood	17	4	16	185	201	1915
MINNESOTA								
	Cass County Guernsey Breeders' Association	A. E. Ferguson, Pine River	15	4	6	140	146	1916
	Northern Cass County Guernsey Breeders' Association	George Polifka, Raboin	24	3	0	140	140	1920
	East Duluth Guernsey Bull Association	Alber Olson, Lakewood	42	3	0	131	131	1920
	Rice Lake Guernsey Bull Association	Erick Holmerud Duluth	36	4	0	139	139	1920
	Jackson Guernsey Bull Association	J. Emil Anderson, Duluth	31	3	8	145	153	1920
	Brookston Guernsey Bull Association	Leonard Scott, Poupore	35	4	3	181	184	1920
	Lawler Co-operative Guernsey Bull Association	Hjalmar Airaksinen, Lawler	43	4	0	230	230	1920
	Douglas County Guernsey Breeders' Association	David Reed, Nelson	15	6	11	200	211	1910
NEW HAMPSHIRE								
	New London Co-operative Bull Association	L. Roy Davis, New London	22	2	9	71	80	1921
NORTH CAROLINA								
	Rowan County Guernsey Bull Association	T. D. Brown, Salisbury	200	14	150	350	500	1916
	Forsyth Co-operative Guernsey Bull Association	V. E. Conrad, Winston-Salem	80	9	50	310	360	1916
PENNSYLVANIA								
	Welch Hill Guernsey Bull Association	Worthy Bennett, Uniondale	8	4	50	150	200	1919
	Smicksburg Guernsey Breeders' Association	S. S. Calhoun, Smicksburg	18	3	15	150	165	1919
SOUTH CAROLINA								
	Dillon County Guernsey Bull Association	S. W. Epps, Latta	92	9	20	295	315	1918
	Marion County Guernsey Bull Association	H. A. Lewis, Marion	60	4	2	100	102	1916
	Marlboro County Guernsey Bull Association	S. E. Evans, Bennettsville	35	4	0	170	170	1918
	Rock Hill Guernsey Bull Association	J. M. Byers, Rock Hill	35	4	15	180	195	1919
	Sumter County Guernsey Bull Association	J. F. Williams, Sumter	15	3	18	125	143	1919
	Williamsburg County Guernsey Bull Association	J. B. Bushardt, Hemingway	58	4	8	100	108	1920
VERMONT								
	White River Valley Guernsey Bull Association	J. W. Gibson, South Royalton	5	3	20	40	60	1919
	Roxbury Co-operative Bull Association	Arthur Boyd, Roxbury	7	1	0	65	65	1921
VIRGINIA								
	Stafford County Pure Bred Guernsey Breeders' Association	James Ashby, Stafford	41	3	15	130	145	1920
WISCONSIN								
	Herbster Bull Association	Geo. Mathews, Herbster	40	45	6	150	156	1920
	Drummond Bull Association	E. C. Hart, Drummond	45	3	0	100	100	1920
	Hornet Bull Association	H. A. Dillree, Washburn	25	2	3	115	118	1919
	Wilton Guernsey Bull Association	Wilton	12	3	0	110	110	1920

The following are additional bull associations recorded in the office of THE AMERICAN GUERNSEY CATTLE CLUB. The list has been corrected to December 1, 1921

State	Name of Association	Secretary
ILLINOIS		
	Jo Davies County Guernsey Bull Association	A. A. Cooper, Elizabeth
	Monroe County Guernsey Bull Association No. 1	Robert McCormick, Valmeyer, (Pres.)
MAINE		
	Lebanon Guernsey Bull Association	
MINNESOTA		
	Hinckley Guernsey Bull Association	Paul Van Mehren, Hinckley
	Milaca Dairy Breeders' Association	G. A. Lundine, Milaca
	Shevlin Bull Association	J. Gordon, Shevlin
	Clover Bull Association	Victor Lindberg, Farm Bureau Office, Bagley
OREGON		
	Clatsop County Bull Club	Louis Ekoos, Fernhill
SOUTH CAROLINA		
	Clarendon Guernsey Bull Association	
WASHINGTON		
	Arlington Guernsey Bull Club	Z. W. Farrington, Arlington
	Detroit Guernsey Bull Club	Ed. Suiter, Detroit (Pres.)
	Edgecomb Guernsey Bull Club	Axel Lennstrom, Arlington
	Ferndale Guernsey Bull Club	J. P. Felmely, Ferndale
	Granite Falls Guernsey Bull Club	H. Lewis, Arlington
	Island Guernsey Bull Club	J. M. Pratt, Oak Harbor
	Mukilteo Guernsey Bull Club	B. W. Wade, Everett
	Oso Guernsey Bull Club	F. L. Bloxham, Oso
	Thomsen Guernsey Bull Club	Hans Thomsen, Arlington
	Yakima Guernsey Bull Club	Joe Vance
WISCONSIN		
	Ashland County Guernsey Club No. 1	M. H. Wright, Ashland (Leader)
	Ashland County Guernsey Club No. 2	M. H. Wright, Ashland (Leader)

HIGHEST MONTHLY RECORDS IN EACH CLASS

	Name	Class	Lbs. of Milk	Per cent. B. Fat	Lbs. of B. Fat
1.	Palotta's Beauty of Barrington 38471	A	1645.00	6.76	111.20
2.	Imp. Fanny of the Mourants 34344	B	1516.10	6.64	100.67
3.	Gaiety's Daisy 48590	C	1703.40	5.47	93.18
4.	Pauline of Folly Farm 26277	D	1853.40	5.03	93.23
5.	Dairymaid of Pinehurst 24656	E	1493.20	6.81	101.69
6.	Nella Jay of Pencoyd 77520	F	1576.60	5.05	79.62
7.	Champion's Sadie of Little Farm 99056	G	1066.30	6.83	72.83

Guernsey Breeders' Journal

JANUARY 1, 1922

FOR THE ADVANCEMENT OF THE GUERNSEY
Published the first and fifteenth of each month by The American Guernsey Cattle Club at Peterboro, New Hampshire
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THE MARKET SITUATION

The movement of Guernseys is in a state of healthy activity. Both grades and pure breds are in demand, but indications are that the movement of grades is the more active in the Middle West and that the movement of pure breds is the more active in the East.

Field Representative Musser reports that there appears to be no actual surplus of pure bred females for sale in New York State. He states, however, that it is possible to purchase lots up to one carload in some counties, but that a lot would of necessity be made up of one, two, and three animals from each of several herds. Apparently local demand has taken care of all the free surplus.

Field Secretary Harper of the Ohio Guernsey Breeders' Association reports that there has been an unusually heavy demand for Ohio Guernseys. Not only have new foundation herds been established within the state but requests have been received from six states regarding the location of surplus stock. These requests called for lots of one and two animals up to carload lots.

Field Representative Stallard reports that in the Middle West there exists a strong demand for grade Guernseys. Carload after carload is being shipped out of Wisconsin and the prices for grades vary from $75 to $130 per head. The Dubuque, Iowa, Association recently purchased twenty-five pure bred Guernseys from Jefferson County. Other observations in Wisconsin by Mr. Stallard are as follows:

"Purchasers from Twin Falls County, Idaho, are here to purchase about 500 head of grades."

"A party is on the way from Los Angeles County, California, to purchase grades."

"Thirteen head have been shipped from Oconomowoc to McGregor, Iowa."

"Parties are here from New Jersey to purchase a carload of grades."

"One carload of grades has been shipped to Winnepeg, Canada."

"An Indiana buyer is here to purchase a carload of pure breds."

"There are some inquiries regarding pure breds but grades are moving in large numbers."

Field Representative Westover reports from California that a representative of that state is in the Middle West trying to purchase 300 grade Guernseys for various California breeders and dairymen. Farmers in Gooding County, Idaho, have a fund of $225,000 for the purchase of dairy cattle and up to November 17, signatures had been received for 119 Guernseys. Utah Dairymen are about ready to purchase sixty Guernseys. There is also a strong demand for Guernseys in the state of Washington.

Field Representative Fitzpatrick reports from the South that he is receiving numerous inquiries for assistance in locating Guernseys and that credit for making purchases is easier. The CLUB is receiving a great many inquiries from the South.

The outstanding feature of the Guernsey market appears to be that the buyers are demanding clean, healthy stock of proved productive ability or ancestry.

"TYPES AND BREEDS OF FARM ANIMALS"

THE AMERICAN GUERNSEY CATTLE CLUB receives many requests for information regarding the history, development, and characteristics of the various breeds of live stock. Inquirers are usually referred to "Types and Breeds of Farm Animals," by Professor Charles S. Plumb of the Ohio State University, the most extensive and authoritative fund of information regarding all the recognized breeds of live stock that appears in any single publication that has come to our attention. It considers the native home of each breed, traces its historical development, and indicates its present day economic usefulness. It includes maps showing the native homes of the various breeds, as well as their distribution in this country. It pictures scenes of historical importance and has hundreds of illustrations of prize winning animals, herds, and flocks. Special emphasis has been placed on performance records, as yields of milk and butter fat, and the speed of horses, and it is the only book of its kind that records epoch making sales. The book is valuable to practical farmers and stockmen as well as to students in schools and colleges.

Professor Plumb has traveled extensively in England, Scotland, the Channel Islands, and on the continent of Europe, and has acquired a thorough first hand knowledge of the geographical, climatic, and economic environments of the various breeds in their native homes.

The author draws largely from "The Guernsey Breed," by Charles L. Hill, for the chapter of twenty-eight pages devoted to the Guernsey breed, but his own extensive investigations and observations are the sources of a portion of the chapter. Many of the illustrations are reproductions from the author's own photographs.

"Types and Breeds of Farm Animals" was first published in 1906 and revised in 1920. The publishers are Ginn and Company, Boston, Massachusetts.

WESTERN NATIONAL SALE

A committee composed of Charles L. Hill, chairman, H. W. Griswold, Myron A. Wick, A. L. Cile, D. O. Brant, Drew Ten Broeck, Charles Wirt, Charles D. Cleveland, James B. Robertson, George White, R. G. Harwood, and Percy L. Jones, will conduct a sale near Chicago on May 11, 1922, the day following the annual meeting of THE AMERICAN GUERNSEY CATTLE CLUB. Any breeder wishing to consign high class cattle to this sale will at once notify the member of the Committee nearest to him.

A few very high class cattle have already been secured and more are being offered every day. The present demand for Guernseys in the Middle West is the best ever known and this assures the success of the sale.

Every animal sold will be guaranteed a breeder and sold subject to a 60-day retest. What have you to offer?

NEW YORK CAMPAIGN PROGRESSES

Every breeder that attended one or more of the first three meetings in the campaign to raise funds for a fieldman in New York State signed for his share of the budget of $8000 that is required to finance the work.

Two counties have pledged 100 per cent. membership. They are Greene and Westchester. At a business meeting of ten members of the Western New York Guernsey Breeders' Association all signed to support the budget, and they are giving the other members a chance to acquaint themselves with the plan and its benefits.

"EXEMPT PURE BRED LIVE STOCK"

The above title is featured on a poster recently issued by Farm, Stock and Home, a monthly farm paper published in Minneapolis, Minnesota. This poster calls attention to the fact that many county assessors in Minnesota are departing from the old rule of assessing pure bred live stock at double the value of scrubs and in some cases have raised the pure bred assessment 300 to 400 per cent. over last year. This practice is deplored and is pronounced to be absolutely wrong. The statement is made that Minnesota, and other states as well, need better live stock and the way to get it is to encourage the introduction of pure bred stock. Penalizing a man for his enterprize and his desire to build up a more prosperous community is pronounced to be so short sighted that it is almost inconceivable that it should be done. The statement is made that it would bring more taxes into the county treasuries if pure bred live stock were exempt from taxes for the next five years. The more money the farmers make the more they will have to raise taxes on. Farm, Stock and Home states that they know of no surer way to increase the wealth of a community than by getting better live stock into it. The attitude of the publication is indeed a commendable one. The discovery and exposition of practices that are detrimental to the pure bred live stock industey is rendering a real service to agriculture.

REORGANIZATION OF JERSEY EXTENSION WORK

At a meeting of the Executive Committee and the Extension Committee of The American Jersey Cattle Club on November 18, the extension work of the Club was the most important subject considered, according to a report from Secretary R. M. Gow. A. L. Tichane having resigned his position as head of the Extension Department, it was necessary to take steps to fill his place. After carefully reviewing the situation the combined committees decided that, as the work of the Extension Department and that of the Register of Merit Department were closely united, O. H. Baker, formerly in charge of the Register of Merit Department, should be placed in charge of both the Extension and the Register of Merit Departments. In the Extension Department Mr. Baker will have for his chief assistant A. L. Axtell, and in the Register of Merit Department W. A. Kyle.

In connection with this reorganization the committees discussed general plans for the carrying on of extension work in various ways, which included the thought of eventually having four or more men in the field, paid by the CLUB and directly responsible to the Extension Department, all working under the direction of the Extension Committee. Other extension work heretofore carried on may be stopped or curtailed, in order that the CLUB may be able to finance field work conducted in a more efficacious manner than was the case under the old plan. The regional field unit plan has not proved as much of a success as was hoped, on account of the difficulty of getting breeders to subscribe their quota of the expense of maintaining fieldmen in different sections of the country and this failure has led to the earnest consideration on the part of the CLUB of the alternative plan mentioned above for the carrying on of field work, so essential to the spread and welfare of the Jersey breed, and for the benefit of all those who have invested their money in the breed and become Jersey breeders.

—The Jersey Bulletin and Dairy World

NATIONAL MILK PRODUCERS MEET AT CINCINNATI

The fifth annual meeting of the National Milk Producers' Federation, held at Cincinnati, Ohio, November 28-29, was an event of unusual importance to agriculture and the dairy world. It was attended by approximately 500 dairymen from twenty-two states. Twenty-eight regional and local milk marketing associations were recorded upon the registration cards.

In his opening address, Mr. Campbell called attention to the fact that the member associations of the Federation had done more than one half of the 720 million dollars worth of business reported by the Department of Agriculture as done annually by agricultural co-operatives. He also stressed the fact that in the present economic crisis, which resulted in disastrous price falls to farmers, prices of dairy products, particularly those of fluid milk, had receded more slowly than the prices of any other farm product except citrus fruit and live chickens. He attributed this resistance against price falls to the fact that the fluid milk industry is better organized than any other branch of farming, while the co-operative manufacture of dairy products has also made great strides.

The discussion of surplus milk problems was led by W. F. Schilling of Northfield, Minnesota, president of the Twin City Milk Producers' Association. Mr. Schilling outlined the plan used by his association and pointed out that the surplus problem is one of increasing gravity in the Northwest where cheap grains enable farmers to feed their cows heavily at low cost. One way of handling the surplus problem has been to advertise and do educational work to increase consumption. "Put yourselves in position to sell the dealers all they will take but find your own market for the surplus," said he in telling of the ways in which his organization has assumed this burden.

President Milo D. Campbell was reelected president for the sixth time. W. F. Schilling of Northfield, Minnesota, was made first vice-president and member of the Executive Committee, succeeding R. D. Cooper of Little Falls, New York. Acting Secretary Charles W. Holman was made executive secretary.

SALES AND MEETINGS

January 4. Annual Meeting of the Connecticut Guernsey Breeders' Association, Hartford, Connecticut.

January 11. Crane Farms' second Biennial Sale, Lebanon, Indiana. Consignments consist of sixty Guernseys, including twenty grade females.

January 12. Annual Meeting of the New Jersey Guernsey Breeders' Association, Trenton, New Jersey. The meeting will be held in connection with the Farmers' Week.

January 12. Thirty-second Annual Meeting of Indiana State Dairy Association, Purdue University, La Fayette, Indiana.

January 13. Annual Meeting of the Indiana Guernsey Breeders' Association, La Fayette, Indiana. The meeting will be held in connection with the Purdue Farmers' Week.

January 15—22. National Western Stock Show, Denver, Colorado. Advance reports indicate a much larger showing of Guernseys than at the 1921 Stock Show.

January 18. Meeting of Guernsey breeders at Metrople Hotel, Denver, Colorado, at 7 P. M. A program of speakers is being arranged and the Guernsey moving picture film will be shown.

January 30 to February 3. Series of meetings by the Grove City Accredited Dairy Cattle Show and Sales Association, Grove City, Pennsylvania. February 2, will be Guernsey Day.

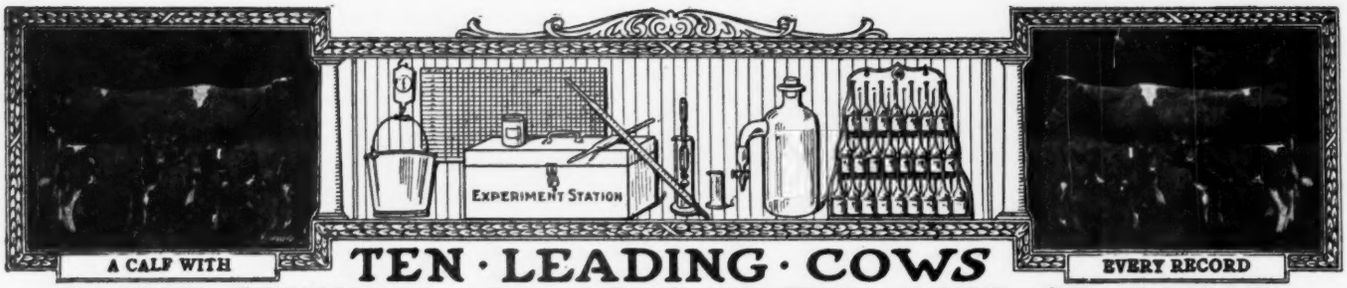
February 3. Guernsey Day, Ohio State Farmers' Week, Columbus, Ohio, and annual meeting of the Ohio Guernsey Breeders Association. An all day program consisting of discussions on breeding, feeding, and breed development by well known authorities has been arranged.

February 15. Annual Convention Virginia Creamerymen's Association, Charlottesville, Virginia.

February 16-17. Virginia State Dairymen's Convention and Dairy Show, Charlottesville, Virginia.

February 23. Wisconsin State Guernsey Sale, Madison, Wisconsin.

May. Western National Guernsey Sale, near Chicago.



TEN · LEADING · COWS
IN · THE · SEVERAL · CLASSES · OF · THE · ROLL · OF HONOR

CLASS AA—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. F.		Lbs. Milk	Lbs. B. F.
Duchess Ruth 47060 A. R. 3523	14644.2	850.49	Pearl of Pomeroy 40325 A. R. 4679	15804.5	777.16
Carwytham Queen 41121 A. R. 4456	15788.4	816.27	Imp. Fanny of Linwood 48904 A. R. 7790	13443.8	752.44
Carrie of Hillhurst 34864 A. R. 5973	15307.8	814.83	Ultra Lady 38913 A. R. 3348	14019.2	748.16
Bessie of Portland 36255 A. R. 7925	15187.4	805.48	Contrafuria 29090 A. R. 1854	15764.8	745.09
Ollie's Princess of Windermere 52226 A. R. 5239	13341.9	793.67	Imp. Flora of City View 59640 A. R. 7378	13376.6	743.20

CLASS BB—FOUR AND ONE-HALF TO FIVE YEARS

May Rose of Westbrook Farm 56445 A. R. 7991	15530.0	757.07	Lady du Chene 56632 A. R. 6978	13712.0	670.80
Kate's Princess Jewel of Springcrest 63736 A. R. 9722	14683.1	729.22	Rose of Little Platt 55717 A. R. 7882	12159.7	666.71
Imp. Wyebrook Rose 69245 A. R. 6186	14872.1	710.21	Susie of the Ridge 43719 A. R. 4723	12072.1	664.10
Summer Rose 61321 A. R. 9896	13549.3	679.00	Gladiola of Bralee 60726 A. R. 7832	12443.4	660.82
Silver Gem of Cedar Home 60755 A. R. 8854	14410.2	677.10	Enola's Edith 58003 A. R. 8618	12552.8	659.43

CLASS CC—FOUR TO FOUR AND ONE-HALF YEARS

Linden Girl of Harbor Hill 3d 58625 A. R. 4651	15032.9	785.89	Brookmead's Pansy 66633 A. R. 9210	11254.0	620.48
Idyl of Koshkonong Place 48151 A. R. 5684	14466.3	685.98	Lily of the Prairie 54714 A. R. 7543	11561.7	620.15
Cora of Gerar 48309 A. R. 4706	15368.8	665.94	Kathergay Rose 60990 A. R. 8617	12217.9	618.50
Donna May Fanchon of Linda Vista 47709 A. R. 4878	15037.7	635.90	Belle of Canandaigua 44832 A. R. 4534	11965.0	616.05
Starlight May Rose 59142 A. R. 7058	11825.2	634.06	Escalon Princess 62332 A. R. 8753	12814.6	603.95

CLASS DD—THREE AND ONE-HALF TO FOUR YEARS

Milford of Bethany 65962 A. R. 7334	13727.6	708.81	Nannette's Daughter of Seven Elms Farm 65483 A. R. 9393	10334.2	617.94
Itchen's Golden Daisy of Chilmark 61690 A. R. 8432	14367.0	669.64	Mavoureen of Pencoyd 69700 A. R. 9234	11173.4	593.66
Elm Road Polly 66601 A. R. 8515	10976.9	647.18	Dairymaid of Nelsonville 50051 A. R. 6852	12068.8	590.36
Clare of Gerar 49122 A. R. 4733	13782.9	637.79	Mixter Belladonna 73195 A. R. 9189	11191.6	588.63
Starlight Lassie 59141 A. R. 6793	13211.6	618.66	Enchantress of Dellwood 56697 A. R. 5945	11617.9	586.58

CLASS EE—THREE TO THREE AND ONE-HALF YEARS

Imp. Latona of the Vauquiedor 94277 A. R. 9975	11619.8	667.83	Pretoria's Neanietta of Ingleside 71110 A. R. 9135	11386.0	593.13
Langwater Levity 70293 A. R. 7789	12785.9	662.15	Ingleside Pretoria Vrangue 68494 A. R. 8227	10894.4	587.09
Nan of Birchwood 69607 A. R. 8897	12932.8	627.13	Auricula's Lassie 71541 A. R. 9524	12368.0	583.04
Emma of Fond du Lac 70154 A. R. 7852	11412.4	613.26	Honeymoon of Waldwic 68767 A. R. 8725	12929.0	582.76
Pearl's Dot 57445 A. R. 6140	11695.5	612.29	Pergue's Crescent 61717 A. R. 6759	13316.9	581.01

CLASS FF—TWO AND ONE-HALF TO THREE YEARS

Guernest Ruth 76671 A. R. 9392	14357.2	742.88	Nellie of Old Homestead Farm 79545 A. R. 10049	12053.4	596.81
Park's Judith Beauty 76118 A. R. 8533	12107.0	646.15	Rival's Princess of Dellwood 62373 A. R. 7196	9515.6	586.51
Masherlette of Harbor Hill 2d 96653 A. R. 8505	12602.2	634.30	Dimple's Queen of Wakpala 69301 A. R. 8063	9964.7	570.19
Little Star of Glencairne 64127 A. R. 7461	11549.9	630.50	Janette of Graham's Dale 79410 A. R. 9311	11069.6	570.02
Vidette of Chicona 78429 A. R. 9614	10988.4	624.57	May Rose Leda of Jean Du Luth 75766 A. R. 8948	10771.6	569.94

CLASS GG—TWO TO TWO AND ONE-HALF YEARS

Imp. Prospect's Rose des Houards 89003 A. R. 7549	13157.8	726.85	Westbrook Ultra Rose 78820 A. R. 8619	13131.7	621.99
Pearl Rose of Beaver Ridge 63932 A. R. 7082	12390.4	688.80	Laudholm Delight 81841 A. R. 8818	12541.0	607.58
Minnehaha's Papoose 67732 A. R. 7211	11623.6	678.37	Theodore's Pride 42768 A. R. 3837	11587.4	594.02
Mary R. of Fond du Lac 83673, A. R. 9974	10789.8	635.65	Beda's May King's Islanda 76066 A. R. 8803	10475.8	580.95
Gana of Valley Gem 81134 A. R. 8898	13285.1	632.85	Folly Laura 76254 A. R. 8504	10270.3	572.09

AVERAGE YIELD OF 70 CLASS LEADERS 12746.17 LBS. MILK; 658.40 LBS. BUTTER FAT; 5.16 PER CENT.

The above are as they appeared Dec. 15, 1921

Summary of 1546 Double Letter Records

	Records	Lbs. Milk	Lbs. B. F.	Per Cent
Class AA	448	9922.56	489.75	4.936
Class BB	123	9592.44	481.04	5.015
Class CC	141	9018.10	459.37	5.094
Class DD	140	8768.25	444.24	5.066
Class EE	168	8361.41	426.31	5.099
Class FF	195	7958.79	409.21	5.141
Class GG	331	7498.24	380.56	5.075
	1546	8772.81	441.74	5.035

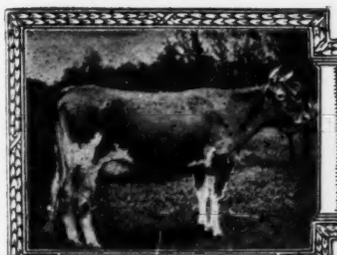
Milk Production
Best Year's Record 15804.5 lbs.
Av. Ten Largest Records 15579.61 lbs.

Butter Fat Production
Best Year's Record 850.49 lbs.
Av. Ten Largest Records 790.40 lbs.

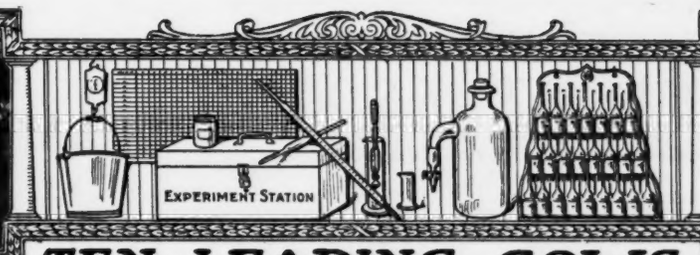
HONORABLE MENTION

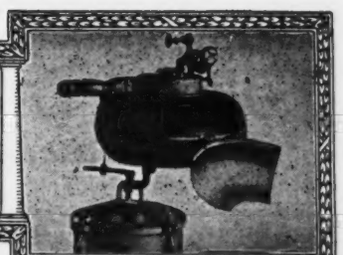
Largest double letter record for which certificate has been written since last issue of Journal.

Glenora of Springside 89175, A. R. 10139. 10980.40 lbs. milk; 531.19 lbs. butter fat in Class AA.



Records; 863.36 lbs. Fat





Babcock Tester

TEN · LEADING · COWS
IN · THE · SEVERAL · CLASSES · OF · THE · ADVANCED · REGISTER

CLASS A—FIVE YEARS AND OVER

	Lbs. Milk	Lbs. B. F.		Lbs. Milk	Lbs. F. F.
Countess Prue 43785 A. R. 6909	18626.9	1103.28	Langwater Hope 27946 A. R. 1978	19882.0	1003.17
Murne Cowan 19597 A. R. 1906	24008.0	1098.18	Yeksa's Tops of Gold's Fannie 22362 A. R. 2394	19794.9	981.53
May Rilma 22761 A. R. 1726	19673.0	1073.41	My Fancy of Falcon's Flight 42999 A. R. 7296	18214.7	979.11
Nella Jay 4th 38233 A. R. 3194	20709.9	1019.25	Spotswood Daisy Pearl 17696 A. R. 790	18602.8	957.38
Langwater Nancy 27943 A. R. 1826	18783.5	1011.66	Julie of the Chene 30460 A. R. 2752	17661.0	953.53

CLASS B—FOUR AND ONE-HALF TO FIVE YEARS

Marshie D. V. 67481 A. R. 6858	14729.9	915.05	King's Alberta 33788 A. R. 2555	13954.9	785.61
Dairymaid of Pinehurst 24656 A. R. 843	17285.3	910.67	Pandora's Valentine of Rich Neck 27622 A. R. 1742	14341.6	784.22
Brownie of Linwood 60747 A. R. 6804	16296.8	831.07	Glenanaar of the Glen 23619 A. R. 1907	16813.1	780.66
Julie of the Chene 30460 A. R. 2752	15174.2	827.26	Dora of Allen Farms 59745 A. R. 8750	13434.4	775.41
Langwater Cleopatra 47043 A. R. 4637	15364.7	792.51			
Lady Lesbia 25142 A. R. 1348	13582.8	787.03			

CLASS C—FOUR TO FOUR AND ONE-HALF YEARS

Pearl Rose of the Glen 47414 A. R. 4900	16855.6	884.21	Governess Louise 62170 A. R. 8795	14198.3	800.74
Azucena's Pride 2d 24957 A. R. 1469	16203.9	855.70	May Fly of Beaver Ridge 63933, A. R. 9800	13648.9	786.75
Governor's Pauline 30472 A. R. 2441	14930.0	844.47	Linden Girl of Harbor Hill 3d 58625 A. R. 4651	15032.9	785.89
Imp. Ladock Jenny 67900 A. R. 7546	15453.3	809.79	Polly's Beauty 35078 A. R. 2911	16629.8	774.40
Langwater Lustre 47044 A. R. 6794	17307.2	806.10	Janoca of Briarbank 2d 55275 A. R. 5849	13127.2	772.23

CLASS D—THREE AND ONE-HALF TO FOUR YEARS

Dolly Dimple 19144 A. R. 628	18458.8	906.89	Langwater Dorothy 27944 A. R. 1822	16099.7	781.65
Clover of Pencoyd 3d 48274 A. R. 4832	14360.3	818.04	Lady's Hope of Maple Hill 44843 A. R. 5700	15126.4	776.63
Langwater Heroine 49483 A. R. 5292	16221.1	805.64	Imp. Princess of the Blicqs 28485 A. R. 1908	12608.8	774.16
Mignonette of Rich Neck 36828 A. R. 3054	14304.9	800.77	Nella Jay 4th 38233 A. R. 3194	16039.9	769.33
Royal's Pearl 45209 A. R. 4384	16930.4	788.37	Ultra May Queen 62690 A. R. 8281	14608.1	757.74

CLASS E—THREE TO THREE AND ONE-HALF YEARS

Jehanna Chene 30889 A. R. 2588	16186.7	863.36	Masher's Elsie 24986 A. R. 1967	14458.7	745.75
Dairymaid of Pinehurst 24656 A. R. 843	14562.4	860.26	Miranda of Edgewater 30970 A. R. 2363	14617.3	730.49
Imp. Donnington Goldie 5th 59866 A. R. 4811	17861.7	796.52	Princess Ultra Grace 67269 A. R. 8272	14340.9	713.41
Lillia of Iowa 2d 61500 A. R. 7589	14239.3	773.03	Langwater Desire 40709 A. R. 4877	14219.8	708.69
Glenwood's Buttercup 48137 A. R. 3224	13728.9	769.82	Imp. Snowdrop III. of Havilland 60641 A. R. 6193	12881.9	707.08

CLASS F—TWO AND ONE-HALF TO THREE YEARS

Nella Jay of Pencoyd 77520 A. R. 8730	16325.6	810.63	Island Farm's Milvia Lassie 60950 A. R. 7274	14184.6	742.44
Katherine's Trixie 100396 A. R. 8580	18495.7	791.48	Cavalier's Helen 65648 A. R. 6821	12668.3	734.34
Langwater Hope 27946 A. R. 1978	15078.8	773.59	Imp. Rhoda des Blanc Bois 68684 A. R. 7078	12588.8	723.99
Jesebel of Edgemoor 52584 A. R. 6195	12434.9	748.32	May Amida 81176 A. R. 9596	13614.7	719.95
Guernest Ruth 76671 A. R. 9392	14357.2	742.88	Rose of the Rancho 100798 A. R. 8661	14731.2	707.27

CLASS G—TWO TO TWO AND ONE-HALF YEARS

Ultra Celia 72478 A. R. 8206	12566.2	755.83	Nella Jay 4th 38233 A. R. 3194	14772.7	726.32
Langwater Phyllis 70607 A. R. 6614	13288.4	746.23	Champion's Sadie of Little Farm 99056 A. R. 9930	11083.4	716.86
Brookmead's Dorothy 55715 A. R. 6082	14179.4	742.08	Follyland Nancy 52457 A. R. 5266	12270.9	712.60
Cherry of Edgewater 38413 A. R. 3361	13454.2	732.97	Pearl Rose of the Glen 47414 A. R. 4900	12378.8	711.43
Imp. Prospect's Rose des Houards 89003 A. R. 7549	13157.8	726.85	Nugget's Primrose 48835 A. R. 4001	15436.1	705.56

AVERAGE YIELD OF 70 CLASS LEADERS 15417.79 LBS. MILK; 812.99 LBS. FAT; 5.27 PER CENT.

The above are as they appeared Dec. 15, 1921

Summary of 12084 Advanced Register Records

	Records	Lbs. Milk	Lbs. B. F.	Per Cent.
Class A	3635	10425.96	517.64	4.965
Class B	760	9879.73	493.70	4.997
Class C	947	9562.65	481.46	5.035
Class D	1036	9221.69	466.43	5.058
Class E	1177	8563.89	432.29	5.048
Class F	1451	8318.45	418.35	5.029
Class G	3078	8006.75	401.25	5.011
	12084	9170.06	459.02	5.006

Milk Production
Best Year's Record 24008.0 lbs.
Av. Ten Largest Records 19961.05 lbs.

Butter Fat Production
Best Year's Record 1103.28 lbs.
Av. Ten Largest Records 1018.05 lbs

HONORABLE MENTION

Largest record for which certificate has been written since last issue of Journal. Polly of Falcon's Flight 39879. Re-entry: 15457.80 lbs. milk; 866.98 lbs. butter fat in Class A.

WHAT THE COWS ARE DOING

Their latest credits in the Advanced Register

Special Note: This list contains the monthly and total credits as checked at the time of going to press. Any omissions or back credits given signify that either data had not been received in time or are held pending verification. These credits are subject to verification and correction until final approval and acceptance and are all made on the two-day test basis except where especially noted.

Name and Number	Class	Days	Month	Month Credit Lbs. Milk	Month Credit % Fat	Month Credit Lbs. B. Fat	Total Credit Lbs. Milk	Total Credit Lbs. B. Fat
AGNEW, GEORGE B., LAKE WACCABUC, N. Y.								
Broad Acres Nell 88858	G	183	Sept	640.1	5.61	35.91	4985.3	237.22
ALLEN, H. M., SWEET SPRINGS FARM, TROY, OHIO.								
Itchen King's Lady Naftel 103272	E	61	Sept	798.2	5.13	40.95	1723.9	87.88
Mar's Lady Blanche 56318	A	92	Sept	944.0	4.43	41.82	3178.4	137.65
Peggy of Sweet Springs 87437	E	175	Aug	814.2	4.26	34.68		
		205	Sept	657.7	4.33	28.48	5882.7	237.64
Romona of Sweet Springs 62243	A	44	Sept	1030.6	3.69	38.03	1563.8	55.62
Rosie Latona of Sweet Springs 85771	B	152	Sept	935.9	4.22	39.49	6105.1	245.98
Rusty Locks of Sweet Springs 62242	A	223	Sept	808.3	4.11	33.22	8037.1	319.21
Sadie of Sweet Springs 87435	C	300	Sept	371.2	4.66	17.30	8187.7	353.94
ALLEN, RAY R., SOUTH HERO, VT. 1 day test.								
Angeline's Lady Nella 64175	A	192	Sept	834.3	4.83	40.30	6851.1	313.20
Chief Sport's Nancy 81539	E	203	Sept	802.0	5.27	42.27	7086.5	308.55
Chief's Sport's Polly 91545	G	178	Sept	782.9	5.08	39.77	5215.8	243.33
ANDERSON, ABE, ASHLAND, WIS. 1 day test.								
Liberty Belle of Amherst Junction 79792	C	61	Sept	531.6	5.06	26.90	1136.5	55.33
ANGEL, H. E., RUBYDELL GUERNSEY FARM, MABTON, WASH.								
Middledale Grace Darling 71182	D	330	Sept	327.0	4.94	16.15	7429.5	346.99
O. C. Butter Girl 76819	E	365	Sept	404.7	4.56	18.45	13171.5	490.38
AUSTIN, JEAN LISETER, LISETER FARM, NEWTOWN SQUARE, PA.								
Imp. Jubilastic II. 68658	A	61	July	1095.4	3.68	40.31		
		92	Aug	978.4	4.14	40.51		
		122	Sept	861.5	4.43	38.16	4117.6	182.00
BAKER, W. R., DETROIT, MICH.								
Anna of Halcyon 85402	E	53	Sept	825.8	3.72	30.72	1501.6	53.49
Primana's May Rose of Avondale 91317	F	53	Sept	866.8	4.68	40.57	1592.0	69.72
BALLARD BROS., BALLARD FARM, NILES, MICH. 1 day test.								
Dolly Dimple of Coloma 2d. 58315	A	146	Sept	1159.7	4.24	49.17	7499.8	293.15
Liberty Bell of Ballard Farm 86084	G	343	Sept	681.6	5.71	38.92	9107.5	451.11
Mattie of Windermere 57674	A	169	Sept	886.0	5.36	47.49	6478.0	287.39
Rosamond of Ballard Farm 67655	B	239	Sept	727.7	5.63	40.97	7332.3	355.93
Rose of Windermere 52680	A	252	Sept	540.3	5.81	31.39	7883.4	343.64
Sweet Brier of Ballard Farm 84608	F	365	Sept	184.6	5.82	10.74	8172.2	419.22
BARBOUR, W. T., BRIARBANK FARM, BIRMINGHAM, M.CH.								
Dairy's Jewel of Briarbank 92719	F	31	Aug	1100.5	4.13	45.45		
		61	Sept	1005.9	5.46	54.92	2106.4	100.37
s. Golden King of Briarbank 34979 d. Mesaba's Queen's Dairymaid 74407								
Golden Lady of Briarbank 80519	F	334	Sept	482.6	5.90	28.47	6485.0	360.42
Mesaba's Queen of Briarbank 55273	A	288	Sept	584.3	5.04	29.45	8952.3	443.78
Pava's Golden Lady of Briarbank 85719	E	31	Aug	682.4	4.69	32.00		
		61	Sept	707.8	4.39	31.07	1390.2	63.07
s. Golden King of Briarbank 34979 d. Pava of Briarbank 4th 59699								
BARNEY, L. L. & SONS, WATERVLIET, MICH. 1 day test.								
Gilmore's Lady of St. Joseph Valley 82358	E	144	Sept	818.4	4.56	37.32	4485.9	185.08
Gilmore's Sadie Girl 82357	E	207	Sept	622.2	5.40	33.60	5433.1	242.70
Glenavea of Echo Lodge 91050	F	273	Sept	257.1	6.73	17.30	5062.8	294.16
Glenella of Echo Lodge 89900	G	273	Sept	107.0	7.86	8.41	4594.1	256.10

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Reminiscences

Guernsey Breeders' Sale List and Bulletin, October, 1906

"The Autobiography of Queen Vashti"

This is the title of the book referred to in our last Sale List. Just as these forms are closing a copy of the book comes to the office. It is a book that has been awaited with great interest by Guernsey breeders. It has been a bright and crowning labor to Mr. Phillips. His cows, his trees, his fields, home and family have always been dear to him. It is of these he writes. His story is a recital of his life to the cow "Queen Vashti" and her supposed comments on same. This story is a historical one to the Guernsey world. It is a book of reminiscences of a successful Guernsey breeder, who has enjoyed an acquaintance with all of "the old and the new" in the Guernsey world. Pictures of breeders of the past and present, illustrations of members of the great Yeksa family, as well as those of "men of affairs" in the field of agriculture and horticulture with whom Mr. Phillips has been associated with, appear in the volume. There are few Guernsey books, and this is an interesting and welcome addition. Mr. Phillips, we trust will meet the success which his labors deserve.

The Guernsey Breeders' Journal, January, 1885

Our heading presents a portrait of the head of Lady Emily Foley, the highest price Guernsey cow yet sold —she having been purchased for $1900 at Mr. Herkness' sale, by Henry Palmer, Esq., of Avondale, Pa. She dropped twin heifer calves before getting her home at her elegant quarters. Mr. Palmer refused $800 for the two calves shortly after they were dropped.

Mar's Millicent of C. L. G. Farm 87092	E	92	Sept	606.3	4.45	26.98	2025.9	84.94
Miss Peace of C. L. G. Farm 109931	G	183	Sept	592.3	4.75	28.13	4286.4	201.69
BARRON, C. W., THE OAKS FARM, COHASSET, MASS.								
Daisy Noble 61769	A	227	Sept	787.3	6.03	47.47	7725.0	323.97
Dorothy Glenwood of Wakpala 69300	A	13	Aug	517.4	5.47	28.30		
		43	Sept	1397.2	5.47	76.43	1914.6	104.73
s. Dairymaid's Glenwood of Edgemont 22356 A. R.								
d. Roxie Bloom of Edgemont 34528 A. R. 8527								
Imp. Fanny of Oaks Farm 117327	A	153	Sept	909.3	4.91	44.65	5077.5	239.20
Florham Penuchie 63937	A	90	Sept	1230.7	4.54	55.87	3551.0	149.64
Little Pink Rose of Cosquay 69117	B	242	Sept	673.8	5.57	37.53	6100.3	321.69
Marie of the Oaks 87871	F	194	Sept	1042.9	4.71	49.12	7277.1	339.81
May King's Modena of the Oaks 87873	G	210	Sept	716.9	5.34	38.28	5386.8	291.44
Moonlight's Bess 88472	F	168	Sept	713 3	5.23	37.31	6644.7	286.19
Polkadot of Oaks Farm 74176	D	258	Sept	846 1	4.92	41.63	7598.0	358.38
Spotswood s Fantastic of The Oaks 92189	G	204	Sept	787.7	5.13	40.41	5797.9	296.02
Imp. Valentine of Oaks Farm 117328	A	153	Sept	845.8	4.73	40.01	4822.1	211.31
Imp. Veronica of Knollwood 110633	D	183	Sept	798.2	5.00	39.91	5880.1	260.93
BARRY, H. R., BARRY FARM, FAR HILLS, N. J.								
College Boy's Beauty Girl 92948	G	230	July	659.5	5.29	34.89		
		261	Aug	617.7	5.42	33.48		
		291	Sept	540.9	5.55	30.02	7281.1	368.88
Jeannette of the Valley 88924	G	304	Sept	475.3	5.01	23.81	5957.5	281.20
Manoa's Mary Ann 72370	B	127	Sept	953.9	4.11	39.21	4450.4	179.60
Mellie Ann 88507	G	318	Sept	428.0	5.69	24.35	5975.2	297.99
Mills' Perfection 90161	G	314	Sept	485.7	4.99	24.23	6630.2	318.49
Proctor's Northwood Nelly 101304	G	83	Sept	570.4	4.45	25.38	1762.1	76.25
Tom's Rushbrooke 2d 88921	G	304	Sept	402.0	4.75	19.10	5455.2	244.08
BASSE BROS., WILLALVIN FARM, WEST ALLIS. WIS. 1 day test.								
Clovernook's Queen Ada 81937	C	214	Sept	834.0	4.45	37.11	7386.2	330.98
Mae of Willalvin Farm 66198	A	183	Sept	1059.4	4.88	51.70	7576.4	366.23
Manes Clover of Willalvin Farm 91924	G	214	Sept	865.8	4.56	39.48	6723.4	294.62
Manes Mae of Willalvin Farm 76414	D	248	Sept	442.4	5.60	24.77	5952.3	266.59
BEARD, WM. H., ROCKVILLE, MD. 1 day test.								
Clara's Violet of Edgewood 95334	G	83	Sept	816.8	4.95	40.43	2365.9	111.94
BECK, J. D., WEST LAWN FARM, VIROQUA, WIS.								
Clovernook Lavender 95505	F	228	Sept	275.4	7.21	19.86	3276.5	172.99
Corona of West Lawn 45361	A	228	Sept	737.9	4.45	32.84	6323.7	247.28
Itchen Chloe's Kentucky Belle of W. Lawn 77488	C	212	Aug	459.1	4.47	20.52		
		242	Sept	359.7	4.74	17.05	4122.1	181.32
May Hope of West Lawn 79218	E	214	Sept	416.5	5.22	21.74	3770.7	179.59
Moxie of West Lawn 89514	G	214	Sept	364.7	4.84	17.65	3026.5	122.42
Naomi Trink of West Lawn 73810	C	212	Aug	380.8	5.75	21.90		
		242	Sept	354.6	4.41	15.64	4008.7	174.71
Yankee Girl of West Lawn 88339	G	228	Sept	301.7	5.67	17.11	3621.2	162.99
BENDER, E. J. & CLARK, BERTHOUD, COLO. 1 day test.								
Hambro's Gloria 59061	A	132	Aug	1186.1	3.59	42.58	6378.2	247.70
Hambro's Lenorill 59063	A	198	Aug	761.6	4.83	36.79	6429.6	306.03
Lanas of Amy 90891	E	314	Aug	592.9	5.07	30.06	9798.9	470.39
Moss Raider's June 77608	D	165	Aug	700.4	5.08	35.58	4489.2	232.18
Valley View's Lily 95160	F	320	Aug	745.1	4.55	33.90	9908.2	464.38
BISHOP, D. T., HARTVILLE, OHIO. 1 day test.								
Anna D. of Gazelle 85320	D	169	Aug	620.5	5.27	32.70		
		199	Sept	604.4	5.05	30.52	4664.1	246.73
Murne's Yeksa of Gazelle 79030	D	169	Aug	824.0	4.88	40.21		
		199	Sept	797.7	5.00	39.89	6204.6	279.12
BISHOP, M. P., HARTVILLE, OHIO. 1 day test.								
Imp. Brilliant's Daughter of Mara Alva 69449	A	127	July	907.7	3.80	34.49		
		158	Aug	871.1	4.38	38.15		
		188	Sept	771.8	4.96	38.28	6348.9	237.27
Imp. Glow's Brilliant of Mara Alva 68124	A	163	Aug	829.1	4.66	38.64		
		193	Sept	640.4	4.05	25.94	6355.5	322.96
BLACK, C. F. & R., MOUNT VERNON, IND. 1 day test.								
Career's Isabel 59705	A	214	Sept	765.8	5.50	42.12	7961.1	432.07
Lord's Alice 90963	C	214	Sept	532.3	5.68	30.23	6334.5	334.46
BOSWELL, H. E., BURKEVILLE GUERNSEY FARM, BURKEVILLE, VA. 1 day test.								
Peggie of Springfield 90892	G	365	Sept	403.4	6.51	26.26	9235.6	473.49
BRADFORD, FRED, ALMA, MICH.								
Bradford's Daisy 75099	C	161	Sept	958.2	4.87	46.66	5833.7	272.35
Bradford's Fannie 75100	C	70	Sept	1014.1	4.79	48.58	2553.1	122.28

Bradford's Lady 84650	F	225	Sept	725.3	6.02	43.66	7115.3	367.16
Bradford's Minnie 50996	A	224	Sept	1056.3	4.65	49.12	9243.4	388.96
Bradford's Ruth 88871	F	92	Sept	873.2	4.37	38.16	2635.0	111.00
May Bradford 42299	A	233	Sept	714.9	5.62	40.18	7873.5	391.33
BRANT, D. O., OWENSMOUTH, CAL. 1 day test.								
Betty of the Rancho 77954	A	285	Sept	870.5	4.80	41.78	9674.4	468.03
Cherry's Lady May of Corona 69323	B	30	Sept	1198.4	3.71	44.46		
s. May King of Fern Ridge 17432 A. R.								
d. Cherry's Lady of Lewison 24207								
Clarabelle of the Rancho 121269	F	206	Sept	1064.3	5.77	61.41	7815.9	393.35
Corfu of Hillside 70111	A	365	Sept	1049.9	4.86	51.03	15601.9	690.89
Delphi of Palmhurst 70424	A	256	Sept	1040.2	5.27	54.82	9472.3	449.84
Eudocia of Plamhurst 109449	G	365	Sept	1215.0	3.37	40.95	14857.9	560.15
Kitchener Girl of Palmhurst 51859	A	334	Sept	946.6	5.00	47.33	11043.4	519.43
Little Beauty 2d 45221	A	238	Sept	1219.6	4.54	55.37	10791.5	465.98
Lucky Girl of South Hadley 63712	A	294	Sept	887.4	4.40	39.05	9943.4	429.23
Lucky Girl of the Rancho 120783	F	214	Sept	1292.7	4.31	55.72	8961.0	351.28
Marianna of the Rancho 121271	F	122	Sept	1179.5	4.58	54.02	5028.4	218.78
Rosemary of the Rancho 88304	G	278	Sept	1038.6	4.63	48.09	10137.2	447.23
Ruth of the Rancho 101858	A	57	Sept	1543.6	4.50	69.46	2994.0	128.46
Sylvia of Frankland 64380	B	316	Sept	1189.0	4.91	58.38	15101.3	673.03
Verna Twing 55657	A	199	Sept	1224.8	4.05	49.60	9304.4	372.17
BREIDENBACH, J. G., MARSHFIELD, WIS. 1 day test.								
Guernfalfa Betty 65235	A	130	Sept	625.3	4.52	28.26	3411.4	151.98
Julia Briggs 29186	A	122	Sept	637.6	5.05	32.20	3487.9	178.36
Julia's Pride of Pine Shade 90006	F	101	Sept	536.2	5.87	31.47	2009.6	112.73
Porter's Pride 51643	A	140	Sept	624.8	4.59	28.68	3957.2	178.45
Spotty of Pine Shade 90005	G	140	Sept	379.8	5.75	21.84	2333.5	115.41
Winnebago Sweet Marie 47813	A	140	Sept	638.0	5.14	32.79	4148.5	205.78
BRIGGS, GLEN F., AUBURN, N. Y.								
Upland's May Rose 70874	C	230	Sept	914.2	5.77	52.75	8016.9	447.52
BROWN, J. A., CAPITOLA, CAL.								
Imp. Blossy of the Caillioterie 53625	A	169	Sept	592.5	6.13	36.32	3772.2	214.03
Blossy's Sequel 60996	A	169	Sept	843.0	5.57	46.96	5222.8	267.11
Freesia's Pollyann 80238	D	70	Sept	1235.4	4.28	52.88	2778.3	111.35
Imp. Miranda III. of the Houards 53617	A	169	Sept	355.9	9.96	35.45	3764.3	217.82
Miranda III's Bess 62624	A	96	Sept	975.7	5.49	53.57	3354.0	156.08
Imp. Nancy II. of Les Merriennes 53619	A	162	Sept	1233.9	5.08	62.68	7216.7	305.47
Primrose III's Lucy 80239	D	73	Sept	947.8	5.08	48.15	2271.9	107.60
BULLOCK, JAMES W., YEADON FARMS, WILLIAMSTOWN, MASS.								
Joyce's Pearl 42318	A	61	Sept	1100.6	4.59	50.52	2229.7	98.06
Imp. Lady Bickleigh of Meadow Brook 42316	A	134	Sept	1340.4	4.34	58.17	6711.7	275.67
Lady Marcus 2d 75718	D	288	Sept	785.1	5.50	43.18	9711.9	482.36
Masher's Bo-peep of Springside 90761	A	365	Sept	548.0	5.06	27.73	13151.8	579.86
CAMP, W. H., FAR-VIEW FARM, NORTHFIELD, CONN.								
Angelica of Far-View-Farm 92195	G	15	Aug	466.5	4.77	22.25		
		45	Sept	691.6	4.77	32.99	1158.1	55.24
s. Upland's Sunlight 45240								
d. Norine 3d 63266								
CHENEY, B. AUSTIN, & COOK, WALTER A., MEADOWLAND FARM, LITCHFIELD, CONN.								
Buttercup of Butternut Brook 75059	C	157	Sept	1038.2	4.47	46.41	6612.7	300.90
Poundstock of the Manor 49819	A	191	Sept	902.3	5.71	51.52	7536.7	365.38
Richesse of Butternut Brook 48121	A	214	Sept	1226.0	4.60	56.40	9777.7	438.43
Richment of Butternut Brook 71178	B	96	July	1211.7	4.10	49.68		
		127	Aug	1054.3	4.13	43.54		
		157	Sept	1034.1	4.57	47.26	5962.2	253.81
Tso of Falcon's Flight 51288	A	30	Sept	1434.2	4.33	62.10		
s. Raymond's Pioneer of Lewison 19103 A. R.								
d. Bella of Falcon's Flight 37576								
CHENEY, B. AUSTIN, FALCON S FLIGHT FARMS, LITCHFIELD, CONN.								
Clementine of Flacon's Flight 63352	A	265	Sept	904.0	4.34	39.23	9182.3	369.23
Falcon's Barbara 81304	E	288	Sept	642.9	4.83	31.05	7555.6	336.32
Falcon's Bopeep 81302	F	359	Sept	948.7	4.85	46.01	14133.7	661.52
Falcon's Brightness 78635	D	259	Sept	846.7	4.77	40.39	8745.3	393.85
Falcon's Charity 84120	F	317	Sept	677.6	5.19	35.17	8574.2	385.10
Falcon's Delight 89281	F	153	Sept	785.6	5.07	39.83	4469.8	205.92
Falcon's Dorothy 89280	F	153	Sept	735.0	4.52	33.22	4111.1	174.56
Fi Fi of Falcon's Flight 46495	A	135	Sept	980.6	4.17	40.89	5837.2	259.60
Glen of Falcon's Flight 46798	A	153	Sept	1006.3	5.02	50.52	5751.7	297.55
Hesse of Falcon's Flight 43461	A	249	Sept	1258.4	3.97	49.96	12680.5	506.89
Julia of Falcon's Flight 46799	A	214	Sept	1328.6	3.98	52.88	11207.3	444.72
Rose of Falcon's Flight 45522	A	230	Sept	1065.4	5.36	57.11	10127.0	514.51

From the Guernsey World

Arkansas

Arkansas State Fair

H. E. Dvorachek, Fayetteville, Arkansas, was the only exhibitor of Guernseys at the Arkansas State Fair held at Little Rock, November 11 to 19, 1921. Coquette's Goldseeker of A. D. F. 61237 was made senior and grand champion bull. Alberta's Maid of Woodend 41671 was made the senior champion female. Major's Alberta of Arkansas 104727 was awarded the junior and grand championship among females. Aggie Lawton of Corwin Hill 110431 and Clavade's Alpha were first prize junior yearling and junior calf, respectively.

California

Four Carloads of Guernseys to Imperial Valley

Two years ago a carload of Guernsey cattle, consisting of three registered Guernseys and the balance grade Guernseys, were purchased from Marshall County, Indiana, by E. O. Thompson and G. W. Elliott, El Centro, California. On October 21, 1921, three additional carloads of Guernseys were purchased from Marshall County, Indiana, and from Berrien County, Michigan. The lot included eight registered cows and heifers and eleven registered bulls.

Messrs. Thompson and Elliott own a ranch and at present have 130 head of Guernseys.

The Southern California Fair

The exhibitors at the Southern California Fair held at Riverside, California, October 11 to 16, 1921, and the number of entries made by each exhibitor are as follows:

Wessell and Mahoney, Windmere Farms, 10; A. B. Humphrey, Escalon, 17; J. A. Hamner, Riverside, 2; McMinn and Rapson, Arlington, 1; Adohr Stock Farms, Van Nuys, 5; C. G. Wallace, San Bernardino, 1; Russell S. Cox, San Marcos, 10; A. A. Cook, Brawley, 1; and James Marwick, Santa Barbara, 1.

The Guernseys were judged by Carl P. Thompson, Stillwater, Oklahoma. The awards were as follows:

Bull, 3 Years or Over

1. Nobleman of Maple Hill 54086, A. B. Humphrey, Escalon, California

Bull, 2 Years and Under 3

1. Inspiration of Edgemoor 54834, Adohr Stock Farms, Van Nuys, California
2. Reliance of Edgemoor 54835, Russell S. Cox, San Marcos, California
3. Hidden Valley Acadian 53779, G. Wallace, San Bernardino, California

Bull, 1 Year and Under 18 Months

1. Imp. Man o'War of Edgemoor 65895, Windmere Farm, Chino, California
2. Golden May Secret of Edgemoor 69739, A. A. Cook, Brawley, California
3. Brilliant's May of Edgemoor 70521, Windmere Farm
4. Escalon Rex 65263, A. B. Humphrey

Bull, 6 Months and Under 12

1. Aristocrat of Windmere 73758, Windmere Farm
2. Escalon Fancy Lad 72940, A. B. Humphrey
3. Escalon Bopeep's Pride 72941, A. B. Humphrey
4. Cephus of Adohr Farms, Adohr Stock Farms

Bull, Under 6 Months

1. Escalon Itchen Prince, A. B. Humphrey
2. Escalon Search Light 72943, A. B. Humphrey
3. Rube Langdon of Hollow-Hill Farm 72277, James Marwick, Santa Barbara, California
4. Adohr Escondido 71248, Adohr Stock Farms

Cow, 3 Years or Over

1. Imp. Loulou's Pride of the Salines 94701, Windmere Farm
2. Imp. Cherry III. of the Effards 48381, Windmere Farm
3. Revada Lily Bell 81707, A. B. Humphrey
4. Golden Ame's Fairy 31904, A. B. Humphrey

Cow, 2 Years and Under 3

1. Escalon Lassie 90087, A. B. Humphrey
2. Glenrose Hope 93184, Russell S. Cox
3. Tritoma's Lady Iva 92631, J. A. Hamner, Riverside, California

CHEQUAMEGON GUERNSEY ASSOCIATION, ASHLAND, WIS. 1 day test.

Amelia of Willow Brook 81009	D	149	Sept	549.8	4.30	23.64	3368.0	148.13
Beauty of Evening Shade 83084	F	209	Sept	703.0	6.79	47.73	5780.5	308.37
Chequamegon Dairymaid's Fern 102506	G	81	Sept	394.7	4.77	18.83	1183.3	55.58
Dairymaid Fern 54432	A	252	Sept	363.0	6.53	23.70	5024.5	284.43
Imp. Darling Marie of Mara Alva 83917	D	214	Sept	606.0	3.95	23.94	5276.8	226.12
Durbar's Daisy of Evening Shade 83083	E	122	Sept	902.0	5.09	45.92	4358.6	211.57
Fern of Eastside 59479	A	234	Sept	573.9	5.50	31.56	6037.1	299.13
Fern of Willow Brook 88665	D	199	Sept	664.2	4.47	29.69	5494.0	257.19
Flower of Arenac 64327	B	230	Sept	814.7	5.62	45.79	8217.8	380.23
Golden Pet's Granddaughter 91863	D	192	Sept	698.9	5.23	36.55	5476.1	238.52
Luella of Apple Ridge 78261	D	135	Sept	525.7	4.70	24.71	3020.9	127.21
Maidie Victoria 86863	C	180	Sept	538.9	4.74	25.54	3736.8	161.98
Maria of Shady Gulch 39119	A	166	Sept	986.1	4.54	44.77	6427.8	276.31
Pride's Matilda of Pleasant View 73676	C	135	Sept	788.4	5.29	41.71	3940.8	176.78
Princess Betty of Nordland 69901	C	287	Sept	705.7	5.66	39.94	7362.3	398.65
Princess Marion of Shady Nook 58280	A	234	Sept	386.6	5.44	21.03	4275.6	209.94
Richesse Rose of Riverside 79977	E	297	Sept	630.6	5.95	37.52	7461.7	396.88
Imp. Sailor Girl of Hawthorn 76283	C	222	Sept	778.2	5.23	40.70	7442.4	352.19
Selma Campbell 38575	A	252	Sept	620.6	5.48	34.01	7280.7	360.38
Selma Campbell's Beauty 98583	C	182	Sept	751.1	5.29	39.73	5831.7	256.20
Wilma of Eastside 59478	A	169	Sept	551.1	6.14	33.84	3775.8	217.32

CHICHESTER, R. H. L., GLENCAIRNE FARM, FREDERICKSBURG, VA.

Red Wing of Glencairne 83635	G	365	Sept	229.8	6.11	14.04	8303.8	470.41

CLARK, D. F., RIVERSIDE STOCK FARM, POSKIN, WIS. 1 day test.

Alma of The Lewis Farm 73897	C	224	Sept	540.4	5.29	28.59	6807.3	286.38
Bonnie Doon of Dellafield 85756	E	135	Sept	822.4	5.35	44.00	4764.4	230.59
Corita of Anna Dean Farm 66081	A	120	Aug	677.7	6.07	41.14		
		150	Sept	555.4	5.76	31.99	3520.1	199.46
Governess Lolita 65796	B	152	Sept	747.6	5.58	41.72	4904.4	250.69
Jane of Ore Hill 67377	A	180	Sept	606.8	5.46	33.13	5644.2	281.95
Lilly of Woodend 3d 55422	A	167	Sept	927.3	4.34	40.24	6266.4	283.84
Masherette Girl 48118	A	146	Sept	903.3	4.70	42.46	5492.4	235.37
Miss Masherette Glenwood 69916	A	79	Sept	717.5	5.66	40.61	2149.9	117.82

CLARK, GLENN, HICKORY GROVE FARM, EAU CLAIRE, MICH. 1 day test.

Betty of Hickory Grove 82329	E	183	Sept	698.0	5.84	40.76	4789.1	254.97
Hope's Lois of Hickory Grove 82330	E	180	Sept	655.1	5.78	37.86	4692.0	253.80
Pretty of Hickory Grove 82331	E	146	Sept	684.8	5.17	35.40	4324.3	197.34

CLARK, JOHN S., HARDWICK, MASS.

Jessy Rose of Butternut Brook 67174	B	139	Sept	836.9	4.82	40.34	4923.7	236.74

CLEMSON AGRICULTURAL COLLEGE, CLEMSON, S. C.

May King's Alvada 95721	G	197	Sept	948.7	4.20	39.85	7538.0	324.24
Pet's Soso 88943	F	169	Sept	645.9	5.99	38.6	4499.1	232.91

CLEVELAND, CHARLES D., SUNNYBROOK FARM, EATONTOWN, N. J.

Violet of Pine Ridge 57526	A	153	Sept	775.6	5.59	43.36	6402.9	314.15

CLUETT, G. A., GREEN MEADOW FARM, WILLIAMSTOWN, MASS.

Coronation Queen of Beaver Ridge 85274	F	365	Sept	328.4	5.14	16.88	13561.6	624.37
Katonah's Glorianna 98643	G	178	Sept	1077.4	5.23	56.35	7077.0	320.99

COGGSHALL, L. L., MAPLE GLEN FARMS, LOCKE, N. Y.

Her Majesty of Maple Glen 59010	A	200	Sept	752.4	6.21	46.72	6681.9	369.66
Maple Glen Alice Mobile 92082	G	122	Sept	955.7	5.06	48.36	4601.3	199.26
Maple Glen Amarilla 89054	G	239	Sept	917.6	5.64	51.75	8263.7	423.71
Maple Glen Miss Frost 89053	G	247	Sept	1220.5	5.16	62.98	10382.1	523.86
Washington's Cynthia 42269	A	304	Sept	1067.7	5.57	59.47	12153.0	633.20

COLOGNA, PETER & SONS, FAIRVIEW DAIRY FARM, MARSHFIELD, MO.

Beta of Fairview 92229	G	173	Sept	514.0	5.15	26.47	3412.2	158.83
Fairview's Rose 59552	A	316	Sept	551.3	4.88	26.90	7518.2	358.04
Gay Girl of Fairview 98447	D	320	Sept	656.7	4.99	32.77	8416.0	410.31
Grace Lindy of Fairview 118668	F	172	Sept	580.4	5.15	29.89	3825.5	186.62
Harriet of Fairview 117357	G	201	Sept	812.7	4.43	36.00	5732.4	259.87
Hattie of Fairview 106698	F	325	July	593.6	5.11	30.33		
		356	Aug	553.5	4.86	26.90		
		365	Sept	147.2	5.73	8.43	6992.6	350.20
Margaret of Fairview 93353	G	189	Sept	514.9	5.31	27.34	3605.2	168.51
Priscilla May of Fairview 86325	F	205	Sept	456.4	5.12	23.37	3629.8	180.53
Rose of Koshkonong Place 2d 42948	A	318	Sept	559.2	5.63	31.48	8380.3	424.96

CONKLIN, F. B., THIEF RIVER FALLS, MINN.

Cif's Pearl 90009	F	12	June	373.5	4.47	16.70		
		43	July	1022.4	4.47	45.70		
		74	Aug	958.0	4.76	45.60	2353.9	108.00

s. Roberts' Boy of Minnesota 41524
d. Cifs 45096

CONNECTICUT AGRICULTURAL COLLEGE, THE, STORRS, CONN.

Lorin Masher 61496	A	208	Aug	883.2	4.55	40.19		
		238	Sept	748.5	4.69	35.10	8637.8	413.75
Storrs Sunbeam 95421	G	140	Aug	751.7	4.13	31.05		
		170	Sept	695.8	4.10	28.53	5093.6	211.74

CONNELL, C. J. & W. A., SUNNY SLOPE FARM, COLGATE, WIS.

Maria's Glenwood 6th 64714	B	358	Sept	864.4	5.53	47.80		
		365	Oct	202.3	5.67	11.47	12508.2	659.24

CONVERSE, E. C. EST., CONYERS FARM, GREENWICH, CONN.

Conyers Adventurer's Janet 74310	A	170	Sept	772.4	4.83	37.31	6011.8	271.07
Conyers Adventurer's Janet 2d 89555	G	252	Sept	578.8	4.88	28.25	6899.7	311.30
Conyers Beatrice 2d 89553	E	58	Sept	1110.0	3.77	41.85	2248.7	86.15
Conyers Gay Lassie of Greenwich 2d 89557	G	237	Sept	696.0	5.06	35.22	6569.6	295.20
Conyers Honeymoon's Janet 2d 88354	F	26	Sept	1166.9	3.96	46.21		
s. Elsie's King of Glenburnie 38397								
d. Conyers Honeymoon's Janet 59669 A. R. 5765								
Conyers Rival's Fanny 78036	E	365	Sept	216.0	5.42	11.71	11309.0	593.15
Janet's Rosie 80764	C	192	Sept	949.6	4.55	43.21	6655.1	310.00
King's Gay Lass 80766	E	234	Sept	653.5	5.83	38.10	6475.0	324.18

COURTEEN, S. G., OCONOMOWOC, WIS.

Beauty Eagle 2d 51897	A	118	Sept	903.4	4.01	36.23	3465.4	144.55
Gemsey's Star 73445	A	189	Sept	953.8	4.64	44.26	7546.7	312.22
Glenwood's Barbi 90445	G	242	Sept	670.8	5.12	34.34	5673.5	268.48
Sundari's Beauty Eagle 94040	G	106	Sept	637.9	4.81	30.68	2357.3	106.34

COX, LOUIS S., RANDOT FARM, METHUEN, MASS.

Randot Glory 78992	E	296	Sept	777.9	4.62	35.94	8520.0	381.59

CUDDEBACK, M. P., MONTROSE, COLO.

Model of Meadow Farm 80488	D	347	Sept	155.5	7.24	11.26	5994.6	340.20

CULLEN, CHESTER H., WEST GROVE, PA. 1 day test.

Delcastle Polkadot 92735	G	214	Sept	525.0	4.25	23.36	5320.7	247.23
Imp. Donnington Daisy 8th 75501	A	205	Sept	780.5	4.52	35.28	7216.3	311.22

CURRY, J. C., FERNDALE, WASH.

Tomahawk's Lady 45550	A	183	Sept	1104.6	5.15	56.89	8718.9	366.81

DAIRY DIVISION, BUREAU OF ANIMAL INDUSTRY, COLLEGE PARK, MD.

Polly France 80548	D	72	Sept	835.4	4.19	35.00	2038.3	83.35

DALBEY, ALICE R. G., GRANVILLE, OHIO.

Janet of Prospect Hill 79916	E	365	Sept	507.9	5.41	27.48	8150.1	401.99

DAVIS, WESTMORELAND, MORVEN PARK FARM, LEESBURG, VA.

Morven's France's Maid 48596	A	200	Sept	947.7	4.43	41.98	7298.2	309.96
Morven's Lilly Maid 103873	E	153	Sept	839.3	4.34	36.43	4904.5	200.86
Morven's Melody's Queen 103880	G	200	Sept	694.4	4.72	32.78	5389.3	240.45
Morven's Pride 2d 103878	G	200	Sept	848.0	4.66	39.52	6373.3	293.16
Morven's Princess Rose 69965	A	169	Sept	989.7	4.59	45.43	6464.0	288.36
Ruth of Morven 61171	A	19	June	851.7	3.87	32.96		
		50	July	1405.1	3.87	54.38		
		81	Aug	1279.5	4.52	57.83		
		111	Sept	1079.2	4.55	49.10	4615.5	194.27
s. Royal Blue 23277 A. R.								
d. Imp. Rougette of Anneville 21047								

DEMING, H. P., WINSTED, CONN.

Cosyetta's Chesterbrook Maid 98062	G	30	Sept	853.6	4.55	38.84		
s. Chesterbrook's May King of Bayside 44025								
d. Cosyetta 50046 A. R. 9220								
Cozine 57632	A	30	Sept	936.2	4.64	43.44		
s. Choice of Elm Tree Farm 24007								
d. Cosy Thetis 14109								
Elm Tree Jewell 82979	D	30	Sept	779.3	4.48	34.91		
s. Choice of Elm Tree Farm 24007								
d. Elm Tree Duchess 35588								
Kalarine 55607	A	22	Sept	678.1	5.14	34.85		
s. Choice of Elm Tree Farm 24007								
d. Kala 2d 36015								

DODGE SHOE CO., NATHAN D., NORTH HAMPTON, N. H.

Diana of Falcon's Flight 63351	A	214	Sept	933.6	5.28	49.29	7339.2	356.77
Falcon's Bellflower 80195	D	173	Sept	1034.9	4.11	42.53	6229.3	260.72
Gisela of Falcon's Flight 74697	C	170	Sept	754.6	4.10	30.94	5035.4	219.49
Polly of Pine Top 100548	F	92	Sept	822.1	5.14	42.26	2700.9	130.87

DUPEE, WALTER H., EDGEMOOR FARM, SANTEE, CAL.

Azucena's Cousin 60208	A	343	Sept	718.9	6.26	45.00	9448.6	479.59
Imp. Fan of Bickleigh 40102	A	343	Sept	662.6	4.62	30.61	9721.0	409.64

DUSEL, ALBERT, COMSTOCK, WIS. 1 day test.

Folly Rosella 95143	F	214	Sept	656.3	5.60	36.75	5804.5	286.61
Hambro's Eva 83126	E	214	Sept	598.3	5.57	33.33	5281.0	237.74

HEIFER, 18 MONTHS AND UNDER 2 YEARS

1. Mayhews Bonnie Lass 102630, A. B. Humphrey
2. Pearl Rose Secret of Revada 110509, Windmere Farm
3. Pearl Souffle of Revada 110497, A. B. Humphrey
4. Melba May of Sierra 103648, R. S. Cox

HEIFER, 1 YEAR AND UNDER 18 MONTHS

1. Vampire of Edgemoor 107123, Windmere Farm
2. Minuet of Edgemoor 107120, Windmere Farm
3. Earl's Marche of San Dieguito 2d 113348, R. S. Cox
4. Escalon Queen 106784, A. B. Humphrey

HEIFER, 6 MONTHS AND UNDER 12

1. Pearl Rose Golden Heiress of Edgemoor 113568, Windmere Farm
2. Escalon Pearl 119136, A. B. Humphrey
3. Wanita of Twin Oaks 113352, R. S. Cox
4. Escalon Marigold 120753, A. B. Humphrey

HEIFER, UNDER 6 MONTHS

1. Escalon Naomi 119138, A. B. Humphrey
2. Sweetbriar of Adohr Farms 116280, Adohr Stock Farms
3. Escalon Phillys 115813, A. B. Humphrey
4. Vesta of Windmere, Windmere Farm

SENIOR CHAMPION BULL

Inspiration of Edgemoor 54834, Adohr Stock Farms

JUNIOR AND GRAND CHAMPION BULL

Imp. Man o' War of Edgemoor 68995, Windmere Farm

SENIOR AND GRAND CHAMPION FEMALE

Imp. Loulou's Pride of the Salines 94701, Windmere Farm

JUNIOR CHAMPION FEMALE

Escalon Naomi 119138, A. B. Humphrey

California Guernsey Sale Averages High

A successful sale of Guernsey cattle was held by Walter H. Dupee, at Los Angeles, California, on October 20. The animals in the offering were not from his farm in San Diego County,

but comprised animals shipped out from Wisconsin. The females were mostly heifers without Advanced Register records, but notwithstanding this handicap, excellent prices were obtained, the thirty-seven heifers averaging $378.50. The top price, $560, was paid by Adohr Stock Farm for Alphea Omega. Three more sold at $500 or over. The nine bulls in the sale sold remarkably well, with the prices ranging from $130 to $300.

The sale was under the management of the California Breeders' Sales and Pedigree Company, Col. Ben A. Rhoades acting as auctioneer.

—PACIFIC DAIRY REVIEW

Florida

Florida State Fair

On account of a quarantine imposed by the Bureau of Animal Industry, of the United States Department of Agriculture, against bringing in any cattle from outside the state, only Florida cattle were shown at their state fair, October 12 to 19 this year. Last year several herds from South Carolina and Georgia were shown, making a very creditable exhibit. This year the principal exhibitors were V. C. Johnson and Brothers, Dinsmore, Florida, and J. C. DeBevoise, and Sons, Jacksonville, Florida, Messrs. B. Thin, Dinsmore, Florida and Irvin and Sons, Callahan, Florida, each showed a senior bull calf.

Although there were only a very few Guernseys shown, the quality of the exhibit was good and created a great deal of interest among the visitors to the fair. The senior and grand champion female, Marion of Clearview 58147 was also grand champion at the 1920 Florida State Fair. At that time she had stronger competition, but it is doubtful whether any other cow shown in the South this year could have beaten her at the 1921 fair.

Following are the awards:

BULL, 3 YEARS OR OVER

1. Neptune of Riviera Farm 46683, V. C. Johnson and Brothers, Dinsmore, Florida

BULL, 18 MONTHS AND UNDER 2 YEARS

1. Six Roses 61917, J. C. DeBevoise and Sons, Jackville, Florida

BULL, 1 YEAR AND UNDER 18 MONTHS

1. Alpheus May King of Dinsmore 68599, V. C. Johnson and Brothers

Masher's Clara M. of Hein Farm 83068	E	214	Sept	804.4	4.84	38.93	7213.3	294.21
ELLIS, H. P., ROSELAWN FARM, MARNE, MICH. 1 day test.								
Baby Doll of Roselawn Farm 93465	G	163	Sept	720.7	4.35	31.35	4450.4	184.01
Hollyhock Isabella Albinia 74881	B	163	Sept	466.2	5.56	25.92	2852.2	146.78
Hollyhock Supreme Lily 78639	D	163	Sept	747.8	5.15	38.51	4414.3	213.62
Lily of Maple Hill 70910	C	163	Sept	688.8	4.57	31.48	4615.1	209.91
EMMONS, LOUIS C., RIVERVIEW FARM, SWARTHMORE, PA.								
Hazel May of Sunnyside 53293	A	365	Sept	341.3	4.97	16.96	8210.2	387.29
Madeline B. 60262	A	190	Sept	707.4	5.06	35.79	6698.2	319.27
Mutta 66510	A	9	Aug	268.6	4.51	12.11		
		39	Sept	926.8	4.51	41.80	1195.4	53.91
s. Imp. Raymond's Governor 22003 A. R.								
d. Bonnie Norah 13862								
Riverview's Masher's May Queen 97525	G	285	Sept	797.1	4.50	35.87	8392.8	366.43
Violet' Lily of Bolton 55800	A	27	Sept	1169.0	3.96	46.29		
s. Imp. Violet's Sequel of Lyndanwalt 17357								
d. Imp. Lil VII. of the Forgettes 30259								
ENDICOTT, JOHN, "BROOKWOOD," BIRMINGHAM, MICH.								
Alice of Endicott Farm 91073	F	311	Sept	832.1	5.34	44.43	10363.2	505.09
Anighto's Favor of Endicott Farm 91074	G	110	Sept	954.6	4.45	42.48	3740.9	140.64
Betty Golden of Endicott Farm 91071	F	30	Sept	696.0	5.24	36.47		
s. Golden Nassau of Pencoyd 29103								
d. Bettina of Bon Ayre 62847								
Cilla M. 45875	A	297	Sept	1354.2	4.93	66.76	14146.3	710.32
Lassie of Bloomfield Hills 81403	F	365	Sept	399.6	5.28	21.10	10521.5	552.71
Mixter Lass of Bon Ayre 62786	A	208	Sept	911.1	5.00	45.56	7564.1	382.32
Top Knot of Endicott Farm 92447	G	142	Sept	771.2	4.77	36.79	4022.0	178.40
Topsy of Bon Ayre 64653	B	286	Sept	1004.2	5.13	51.52	11405.4	579.40
Tulliana 43758	A	183	Sept	1042.3	4.56	47.53	7303.7	348.25
ENLOE, ROBERT M., RIVER FALLS, WIS.								
Nelta's May Rose of Village Park 54214	A	156	Sept	666.1	4.64	30.91	4659.4	199.03
Princess Zela 24499	A	147	Sep:	700.2	4.71	32.98	4486.0	219.26
Topsy of Village Park 45754	A	61	Sept	1130.7	4.68	52.92	2330.2	107.26
ENLOW, GRANT M., FAIRFIELD, IOWA. 1 day test.								
Marcus Glenwood's Lady Glory 89782	F	78	Sept	642.8	4.93	31.69	1688.2	81.76
Pride Glenwood's Little Thelma 84644	E	125	Sept	586.3	5.45	31.95	2786.1	144.01
EWING, M. C., WAUSAU, WIS. 1 day test.								
Buster s Juliet 60395	A	311	Sept	418.0	6.93	28.97	7042.9	385.91
Pansy's Pleasure 60398	A	346	Sept	417.3	6.05	25.25	8188.3	422.75
Yeksa Queen of Cameron 41849	A	235	Sept	770.5	4.90	37.75	7475.6	384.17
Yeksa's Jewel Queen 89476	G	246	Sept	519.7	4.45	23.13	5185.0	233.52
FERGUSON, R. H., KIRKWOOD, PA. 1 day test.								
Athenia of Walnut Grove 92149	G	255	Sept	938.0	5.59	52.43	8372.9	436.72
Dorothy of Walnut Grove 93060	G	231	Sept	1017.1	5.09	51.77	9300.9	422.26
FISHER, F. C., PORTERSVILLE, PA. 1 day test.								
Alice Fawn of Rose Point 44152	A	214	Sept	743.3	5.15	38.28	6740.8	349.87
Floss of Wellersville 30227	A	203	Sept	722.8	4.83	34.91	6428.4	316.72
Lady Fawn of Rose Point 75266	C	214	Sept	644.2	4.94	31.82	5886.5	264.76
Lily Rose of Rose Point 75268	D	183	Sept	555.3	5.04	27.99	4329.7	197.71
Mabel's Pet of Rose Point 61134	A	160	Sept	876.9	4.01	35.16	5824.4	212.50
Polly's Pearl of Rose Point 91472	F	214	Sept	719.9	4.00	28.80	6340.4	237.28
FISHER, W. E., WAUWATOSA, WIS.								
Lord's Queen Kitty 60489	A	22	Sept	604.4	5.73	34.63		
s. Duchess's Lord 30721								
d. Kitty Queen of Rock 50060								
FOXBURG FARMS HERD, INC., FOXBURG, PA.								
Rose Lucretia's Daughter 88165	F	207	Sept	866.7	5.39	46.72	7871.0	382.28
FRAZIER, FRANK P., UPLAND FARMS, IPSWICH, MASS.								
Bertha of Stoneholm 54845	A	285	Sept	847.6	5.10	43.23	9240.0	467.09
Currieda Hope 36486	A	227	Sept	1200.4	4.76	57.14	10876.6	483.81
Flute of Indian Ridge 66888	A	16	Aug	736.0	4.85	35.70		
		46	Sept	1685.2	4.85	81.73	2421.2	117.43
s. King Cavalier 38779								
d. Harpsichord of Paxtang 16387 A. R. 538								
Lady Basis 81684	E	122	Sept	1123.8	5.48	61.58	4645.7	238.55
Louisita of Stoneholm 58942	A	59	Sept	1728.5	3.93	67.93	3070.9	126.06
Rockingham Maid 94933	G	14	Aug	536.6	3.98	21.36		
		44	Sept	1293.1	3.98	51.47	1829.7	72.83
s. Langwater Holliston 28055 A. R.								
d. Imp. Belle of Rockingham 58994 A. R. 9400								

Upland's Bijou Lass 70875	D	325	Sept	648.3	6.47	41.95	9850.8	609.85
Upland's Daisy 93168	G	71	Sept	1003.8	4.34	43.56	2348.9	98.03
Upland's Georgette 89601	G	273	Sept	695.2	5.87	40.81	7186.1	392.59
Upland's Goodness 89599	F	342	Sept	936.0	5.73	53.63	11782.3	617.13
Upland's Helen 89606	F	6	Aug	174.8	3.65	6.38		
		36	Sept	1062.3	3.65	38.77	1237.1	45.15
s. Langwater Cavalier 21012 A. R. d. Upland's Hulda 64871 A. R. 7733								
Upland's Hulda 64871	A	209	Sept	1034.1	5.71	59.05	8975.7	470.64
Upland's Marion 68164	B	114	Sept	1168.9	4.57	53.42	4261.4	229.87
Upland's Mary 93170	G	52	Sept	1062.9	4.24	45.07	1844.9	75.10
Upland's Pretoria 89600	F	242	Sept	991.6	5.39	53.45	8821.8	464.91
Upland's Snowdrop 70876	C	193	Sept	885.0	4.94	43.72	6691.5	341.01
Upland's Violet 93166	E	74	Sept	884.9	4.59	40.62	2223.6	97.79
Zelia of Stoneholm 89764	F	85	Sept	1261.1	4.35	54.86	2711.4	117.08
FRUIT, CLYDE E., WAUKESHA, WIS.								
Bonnie Lass of Maple Hill 86951	G	313	Sept	617.0	5.46	33.69	7417.6	399.83
Diamond of Maple Hill 85063	F	350	Sept	673.2	6.03	40.59	8619.6	504.79
Governor's Rosette of Walnut Ridge 114092	D	230	Sept	622.8	5.38	33.51	7192.0	327.32
Lady's Last Rose of Maple Hill 77636	D	234	Sept	824.5	4.70	38.75	8407.8	391.77
Lucky Girl of Maple Hill 89870	G	313	Sept	536.7	5.83	31.29	6219.6	363.48
Rex's Blossom of Maple Hill 81129	D	107	Sept	699.2	5.35	37.41	2965.6	140.61
Royal's Lass 97445	G	107	Sept	918.7	4.88	44.86	3712.2	170.85
FRUIT, EARL J., MINERAL HOME FARM, PLATTEVILLE, WIS.								
Lilac of Mineral Home 63467	A	183	Sept	1170.0	4.26	49.84	8443.8	346.62
Lilac's Blossom of Mineral Home 105267	G	139	Sept	814.3	4.54	36.97	4112.7	174.44
Louanna's Miss of Mineral Home 70316	C	315	Sept	754.7	5.19	39.17	11507.0	585.64
Lura Hayes Rosie of Mineral Home 91638	G	276	Sept	664.7	4.62	30.71	7384.4	318.00
Lura May of Mineral Home 57199	A	173	Sept	1174.8	3.83	44.99	8287.5	320.76
Nancy's Girl of Mineral Home 97729	G	173	Sept	709.0	5.23	37.08	4762.0	232.52
GALLUP, W. A., MAYUNSOOK FARM, NORTH ADAMS, MASS.								
Follyland Juvenal's Charity 86293	G	254	Sept	465.7	5.60	26.08	5446.1	263.13
Pansy of Falmouth 83395	E	92	Sept	658.4	4.97	32.72	2229.1	105.42
GALUSHA, ARTHUR, WILLIAMSTOWN, MASS.								
Gayhead's Florette 90325	G	188	Sept	960.4	4.33	41.59	6019.6	266.48
Queenie of Springside 90763	C	267	Sept	949.6	6.47	61.44	10806.4	617.71
GATES, R. D., WALNUT GLENS FARM, NOVELTY, OHIO.								
Duchess France of Walnut Glens 39883	A	253	Sept	1234.5	4.22	52.10	10367.6	541.37
Marguerite of Walnut Glens 38968	A	264	Sept	1104.2	4.18	46.16	10975.9	469.62
GAYOSO FARM, HORN LAKE, MISS. 1 day test.								
Chedda's Fanny 61428	A	304	Sept	333.5	5.45	18.18	6404.9	302.41
Comrade's Pocahontas 60914	A	326	Sept	116.5	5.75	6.70	7585.6	384.88
Galaxy's May Beauty 81382	C	126	Sept	793.4	5.28	41.89	3856.4	188.41
Mimosa of Gayoso 73151	C	211	Sept	436.9	5.60	24.47	4712.5	235.80
Miss Mary of Gayoso Farm 56551	A	202	Sept	693.5	4.60	31.90	6204.7	301.85
Molly of Gayoso 79187	C	61	Sept	868.2	3.75	32.56	1845.7	73.81
GETTY, H. B., OVERBROOK FARMS, NEW WINDSOR, MD.								
Aster of Overbrook Farms 68308	B	183	Sept	734.6	4.80	35.26	5633.4	244.20
Dorothy Perkins of Overbrook Farms 87948	G	313	Sept	731.8	4.84	35.42	10871.7	431.50
Lilly of Overbrook Farms 83620	E	183	Sept	497.8	5.54	27.58	4439.9	215.27
GILL, E. T., HADDON FARMS, HADDONFIELD, N. J. 1 day test.								
Haddon's Island Busy Bee 95255	G	132	Sept	659.4	4.80	31.65	3061.5	147.60
Haddon's Lady Hopewell 92294	G	214	Sept	692.0	4.79	33.15	5524.5	261.15
Lady Consolation of Haddon 85031	E	69	Sept	854.2	4.75	40.57	2049.9	90.31
Satisfax of Haddon 85029	E	92	Sept	930.0	4.80	44.64	3067.5	147.95
Sparkling Beauty of Haddon 98233	G	104	Sept	705.0	5.62	39.62	2826.8	141.16
Spring Brook Busy Bee 2d 71440	B	130	Sept	813.4	4.96	40.34	4229.2	205.40
Style of Haddon 94627	G	108	Sept	767.4	4.56	34.99	2976.0	132.62
GLEASON, FRED C., TAMARACK RIDGE, SODUS, MICH. 1 day test.								
Abbie of the Ridge 87113	F	253	Aug	357.9	6.34	22.69		
				114.1	5.54	6.32		
		283	Sept	901.1	5.54	49.92	4189.7	243.84
Lily of the Ridge 69819	A	183	Sept	716.7	5.46	39.13	5974.2	309.33
Lily's Rose of the Ridge 95841	G	183	Sept	734.5	5.30	38.93	5140.6	286.26
Lucile of the Ridge 36580	A	183	Sept	572.7	6.69	38.31	5243.6	320.63
Suke of the Ridge 88917	G	183	Sept	800.3	5.38	43.06	5580.8	287.03
Susie of the Ridge 43719	A	183	Sept	983.5	5.67	55.76	7584.3	401.46
GODFREY, BYRON S., WAUWATOSA, WIS.								
Mabel B. of Guernsey Hill 36197	A	111	Sept	970.7	3.80	36.89	3651.8	143.50

BULL, 6 MONTHS AND UNDER 12

1. Henry of Dinsmore 68974, B. Thin, Dinsmore, Florida
2. Dinsmore Rajah 68975, Irvin and Sons, Callahan, Florida

COW, 3 YEARS OR OVER

1. Marion of Clearview 58147, V. C. Johnson and Brothers
2. Sunnybrook Arbutus 83539, V. C. Johnson and Brothers

COW, 2 YEARS AND UNDER 3

1. Lizzie of Clover Farm 90195, J. C. DeBevoise and Sons

HEIFER, 18 MONTHS AND UNDER 2 YEARS

1. Aimable's Pride of Clover Farm 100915, J. C. DeBevoise and Sons

HEIFER, 6 MONTHS AND UNDER 12

1. Unnamed Heifer, J. C. DeBevoise and Sons

HEIFER, UNDER 6 MONTHS

1. J. C. DeBevoise and Sons
2. V. C. Johnson and Brothers

SENIOR AND GRAND CHAMPION BULL

Neptune of Riviera Farm 46683, V. C. Johnson and Brothers

JUNIOR CHAMPION BULL

Six Roses 61917, J. C. DeBevoise and Sons

SENIOR AND GRAND CHAMPION FEMALE

Marion of Clearview 58147, V. C. Johnson and Brothers

JUNIOR CHAMPION FEMALE

Unnamed Heifer, J. C. DeBevoise and Sons

PRODUCE OF DAM

1. V. C. Johnson and Brothers on Produce of Marion of Clearview 58147

Georgia

Leads all Breeds for Month

Bell of Camp Run 44669 and Juanita of Woodcrest 2d 72446 both owned by A. B. Vickery of Lavonia, Georgia, stand first and second, respectively, in butter fat production among all breeds in Georgia for the month of October. The former in this month, the eighth of her lactation period, gave 924.5 pounds of milk and 57.04 pounds of butter fat. The latter in her second month produced 1302.4 pounds of milk and 55.42 pounds of butter fat.

—FREDERICK W. BENNETT
State College of Agriculture

Indiana

Lookwell Guernseys Clean

Lookwell Farm, Waukarusa, advises that their herd of registered Guernseys has passed the first test with the view of being accredited as Tuberculosis Free, without a single reactor.

Massachusetts

Willow Brook Farm Notes

Willow Brook Farm, North Pembroke, Massachusetts, has sold a son of Imp. Cherry's Memento of Iowa 27562 to M. M. Van Beuren, of Sunnyfield's Farm, Newport, Rhode Island. This bull is an own brother to Memento's Successor 65817, his dam being Imp. Lisette VII. of the Bourg de Bas 61277, one of the finest breeding cows the breed has ever produced. She has a record of 9042.7 pounds of milk and 480.07 pounds of butter fat in class F, and 11249.8 pounds of milk and 578.44 pounds of butter fat in class D.

Another son of Imp. Cherry's Memento of Iowa 27562 has been sold to Rev. F. G. Reichert, Mount St. Alphonsus, New York. Edwin Cone, of Harvard, Massachusetts, has purchased four cows, and a son of Imp. Cherry's Memento of Iowa 27562, as a foundation herd. A son of Imp. Cherry's Memento of Iowa 27562, is being shipped to E. E. Widmeyed, Beaver Falls, New York.

—A. A. Colley, Manager
Plymouth County

Michigan

Kalamazoo County Guernsey Progress

Kalamazoo County has one of the good cow testing associations in the state and one of the best herds in the association is a Guernsey herd. E. L. Brown, the owner, started in February with fourteen cows, mostly fresh in October, November and December and as a whole they have made a very good showing for the eight months. He had several dry in August, September, and October, but the ten in milk for October made an average production of 931 pounds of milk and 46 pounds of butter fat. The high cow was a grade and she made 67 pounds of butter fat.

This is the highest butter fat average for any herd since the association was started and speaks well for the breed and the owner as well. Mr. Brown started only a few years ago with a few grades and a good sire and later bought a registered female. He now has three pure breds in milk.

GOULD WILLIAM H., GRAPE LAWN FARM, BURKEVILLE, VA.

Belle of Meadow Green 51646	A	31	Dec	1377.2	3.93	54.12		
		62	Jan	1405.7	3.70	52.01		
		90	Feb	1159.8	4.57	53.00		
		121	Mar	1169.3	4.13	48.29		
		151	Apr	985.3	4.48	44.14		
		182	May	1049.0	4.28	44.90		
		212	June	937.0	4.25	39.82		
		243	July	914.1	3.98	36.38		
		274	Aug	897.4	4.15	37.24		
		304	Sept	778.7	4.53	35.28	10673.5	445.18
s. Brandywine Bell Boy 25697								
d. Brandywine Lassie 41175								
Elaine of Curles Neck 62816	A	365	Sept	659.0	4.70	30.97	9805.6	466.45
France's Verbena of Big Spring Farm 65231	A	282	Sept	856.9	5.39	46.19	9457.0	462.78
Willow of Big Spring Farm 56741	A	304	Sept	749.2	5.67	42.48	8942.5	440.77

GRAHAM, GEORGE W., LAKE VIEW FARM, ROBERTS, WIS. 1 day test.

Betty of Lake View 84346	G	340	Aug	563.6	5.09	28.69		
		365	Sept	370.9	5.22	19.36	7734.2	390.67

GRAHAM, G. W. & R. M., LAKE VIEW FARM, ROBERTS, WIS. 1 day test.

Glenwood's Yeksa of Spring Brook 64652	B	352	Sept	401.2	5.99	24.03		
		365	Oct	157.5	5.99	9.43	8123.5	424.34

GRIFFITH, J. EDWIN, GRIFFWOOD FARMS, MOUNT WASHINGTON, MD.

Anton's Bessie Rose 92112	G	200	Sept	416.8	6.19	25.80	5093.9	271.75
Anton's Frances Rose 92111	G	203	Sept	703.4	5.62	39.53	6053.9	307.04
Imp. Dene Sapphire 75514	A	115	Sept	830.3	4.62	38.36	3623.9	152.30
Imp. England's Queen May 40627	A	89	Sept	1185.7	2.57	30.47	3754.0	102.37
Lucille of Rocky Reach 68456	B	106	Sept	1069.4	2.95	31.55	4519.6	128.48
Pencader Criterion 91969	G	277	Sept	546.0	5.49	29.98	6475.5	339.77
Pencader's Jean 64831	A	294	Sept	703.8	5.47	38.50	10332.3	543.77
Prelate's Eva 94916	G	194	Sept	610.8	5.52	33.72	4661.2	254.02
Prelate's Patient Jennie 64864	A	102	Sept	109.11	5.89	64.27	4099.8	204.22
Primrose of Rocky Reach 62251	A	213	Sept	856.3	5.64	48.30	8280.3	411.38
Queen Wyola of Rocky Reach 70518	D	365	Sept	230.8	6.29	14.52	8912.4	495.67
Ultra Lady Mary of Griffwood 101912	G	203	Sept	521.5	5.39	28.11	5224.9	226.27
Villiaze Conqueror's Dollie 65040	B	287	Sept	685.1	4.60	31.51	10009.1	398.40

GRIMES, M. J. & BROS., VILLAGESIDE GUERNSEY FARMS, CATAWISSA, PA.

Major's Lucille of Villageside 90601	G	330	Sept	719.5	4.51	32.45	8377.3	397.77
Princess June Rose 90300	G	327	Sept	837.8	4.02	33.68	9367.0	392.25
Symphony of Villageside 69788	C	337	Sept	967.0	4.98	48.16	9899.0	485.98
Villageside Demonstratrix 95600	G	26	Aug	733.8	3.62	26.56		
		56	Sept	931.4	3.62	33.72	1665.2	60.28
s. Langwater Major 39435								
d. Glapicotte's Demonstratrix of Villageside 49335 A. R. 10024								
Villageside Priscilla Glen 95597	F	26	Aug	803.5	3.30	26.52		
		56	Sept	950.1	3.30	31.35	1753.6	57.87
s. Langwater Major 39435								
d. Priscilla Glen of Villageside 59822 A. R. 9253								
Villageside Roxie Patterson 95596	F	31	Aug	1053.3	4.28	45.08		
		61	Sept	1096.6	4.45	48.80	2149.9	93.88
s. Langwater Major 39435								
d. Roxie Patterson of Villageside 70866								

GRINNELL, LAWRENCE, BIRCHFIELD FARM, SOUTH DARTMOUTH, MASS.

Birchfield Milkmaid 86107	F	242	Sept	715.8	6.36	45.52	6820.0	396.67
Langwater Honesty 49479	A	141	Sept	1178.2	5.03	59.26	6133.9	288.31

GRISWOLD, C. D., GUERNSEYDALE FARM, WEST SALEM, WIS.

Barberetta of Lickbrook 75190	D	277	Sept	663.1	5.05	33.49	8488.2	394.61
Golden Pauletta 73940	D	303	Sept	607.7	4.45	27.04	9126.5	578.57
Pearl Masher 78613	D	189	Sept	764.8	5.01	38.32	5816.4	281.88
Rose of Elmlawn 68740	B	256	Sept	371.8	4.92	18.29	5893.5	263.14
Sanoma of Lickbrook 76346	C	187	Sept	887.9	4.70	41.73	6942.7	311.49
Sugi Mabai 79970	D	107	Aug	1004.3	4.23	42.48		
		137	Sept	919.6	4.31	39.63	4659.5	199.97

GRISWOLD, H. W., WEST SALEM, WIS. 1 day test.

Hickory Grove's Queen 88186	E	170	Sept	467.1	5.96	27.84	4261.9	204.03
Imp. Ladysmith IV. of Bickleigh 50343	A	204	Sept	462.1	6.08	28.10	5372.2	264.19
Princess June of Fulton 48195	A	204	Sept	484.7	4.95	23.99	5009.9	220.44
Showflake of Elmlawn 45619	A	193	Sept	546.5	5.20	28.42	4883.7	229.72

GUNNING, W. S., WEBB CITY, MO.

Holden's Beauty of Cuyuna 51527	A	360	Sept	592.9	5.07	30.06		
		365	Oct	79.5	5.07	4.03	7698.2	358.94
Imp. Noble's Tilley 51979	A	287	Sept	668.2	4.72	31.54	8647.3	375.08

HAARTZ, J. C., ALBAMONT FARM, CAMPTON, N. H.

Albamont Bluet 92432	G	45	Sept	923.2	3.46	31.94	1355.7	50.67
Albamont Louise 76332	D	270	Sept	517.1	4.30	22.24	8565.9	370.32

Goldseeker's Midday of A. D. F. 77515	C	86	Sept	849.1	4.65	39.48	2685.8	121.20
Goldseeker's Monogram of A. D. F. 86044	F	273	Sept	601.6	7.06	42.47	7385.7	437.64
May King's Dancer of A. D. F. 69742	B	122	Sept	1098.2	4.45	48.87	5524.1	229.66
Princess Virginia of Linda Vista 62151	A	88	Sept	1053.3	5.21	54.88	3280.9	161.11
St. Austell Daffodil 84890	B	333	Sept	781.1	6.02	47.02	11800.7	569.64
St. Austell Dawn 84892	B	122	Sept	1192.8	4.55	54.27	5579.1	230.62
St. Austell Debutante 87614	D	51	Sept	1165.4	4.16	48.48	1999.9	83.70
Imp. Syloh's Milkmaid of Albamont 110188	A	264	Sept	1057.4	4.99	52.76	10960.8	510.94
HAGEMAN, L. E. & SONS, FLORIDALE FARM, HASTINGS, MINN.								
Adell of Burnham Beach 72792	D	273	Sept	864.7	4.84	41.85	11086.3	512.35
Floridale Fair Maid 96171	F	16	Sept	415.7	5.29	21.99		
s. Flory's Austerlitz of Craigamoor 41845								
d. Emerita's Maid of Woodend 47986 A. R. 5991								
Floridale May Rose 87330	G	361	Sept	509.2	6.28	31.98		
		365	Oct	61.5	6.28	3.86	8201.4	455.09
Floridale Pretoria 90293	G	196	Sept	633.4	4.67	29.58	4669.8	212.78
Floridale Princess 90294	G	167	Sept	625.8	5.35	33.48	4392.6	207.84
Loyal Polly's Lass 67221	B	195	Sept	1053.8	4.75	50.06	8069.8	367.71
Zenobia Girl 73339	D	365	Sept	347.4	4.67	16.22	10212.9	480.43
HAINES, WILLIAM J., CHERRY HILL FARM, NORRISTOWN, PA.								
Imp. Groignet Rose II. 68661	A	182	Sept	710.4	5.02	35.66	5229.6	258.44
Rosemont's Rosette 76201	D	299	Sept	493.8	5.43	26.81	7483.6	351.79
HALLOCK, L. T., CLAYTON, N. J.								
Brique of Oaklee 117356	B	168	Sept	935.6	4.77	44.63		
		199	Oct	896.4	5.17	46.34	7447.2	337.74
Ella W. of Mapledale 61449	A	140	Sept	950.4	4.20	39.92	5067.2	211.65
Gaiety of West View 26430	A	201	Sept	753.8	5.87	44.25		
		232	Oct	662.0	6.81	45.08	7296.2	402.17
Gilt Edge of Oaklee 117973	F	135	Sept	792.5	5.09	40.34		
		166	Oct	763.6	5.54	42.30	4968.8	228.16
Mont Val Princess of Oaklee 115448	A	253	Sept	466.3	5.04	23.50	8733.7	385.73
Nono of Upper Freehold 52628	A	180	Sept	848.2	5.42	45.97		
		211	Oct	750.0	5.89	44.18	7585.5	396.63
Orange Blossom of Oaklee 116076	D	223	Sept	745.6	4.55	33.92		
		254	Oct	700.9	5.15	36.10	7249.9	305.12
Orange Spur of Oaklee 116080	F	211	Sept	514.5	4.07	20.94	5333.2	204.64
Pride of West View 51700	A	153	Sept	756.5	4.60	34.80	5345.3	238.23
Primrose of Oaklee 116077	D	199	Sept	1026.1	4.12	42.28		
		230	Oct	931.8	4.42	41.19	8811.5	349.41
Silverita's Jewel 40839	A	164	Sept	716.1	4.52	32.37	5264.5	232.74
Sunshine of Oaklee 116078	D	195	Sept	931.6	4.55	42.39		
		226	Oct	872.1	5.07	44.24	7732.7	341.48
HAMMOND, JOHN HENRY, DELLWOOD FARM, MOUNT KISCO, N. Y. 1 day test.								
Fair Lady of Rockstone 90412	G	343	Sept	744.6	6.80	50.63		
		365	Oct	505.4	6.80	34.37	11081.0	618.15
Masher's Countess of Dellwood 72081	B	192	Sept	1162.9	5.73	66.63		
		223	Oct	1173.9	5.62	65.97	10059.3	512.64
Masher's Dairy Maid of Dellwood 75705	D	239	Sept	644.1	6.73	43.35		
		270	Oct	802.2	6.31	50.62	8656.7	485.11
Masher's Dawn of Dellwood 89061	G	355	Sept	594.0	6.19	36.77		
		365	Oct	195.3	6.19	12.09	8672.6	476.98
Masher's Emily of Dellwood 78325	E	319	Sept	753.7	5.36	40.40		
		350	Oct	774.6	5.37	41.60	11382.5	566.18
Masher's Rachel of Dellwood 83391	E	145	Sept	928.1	5.64	52.34		
		176	Oct	976.6	5.62	54.88	6368.6	343.75
Rival's Fawn Rose of Dellwood 70382	C	291	Sept	1032.5	5.65	58.34		
		322	Oct	1026.9	5.96	61.20	12782.0	658.28
HARGRAVE, R. O., ROBERTS GUERNSEY FARM, ROBERTS, WIS. 1 day test.								
Imp. Beauty of Kewaydin 32474	A	323	Sept	570.6	5.42	30.93	7970.0	348.09
Kathleen White 36394	A	334	Sept	648.9	4.35	28.23	11358.0	522.42
Raider's Little Nell of Waddington 85391	G	345	Sept	479.7	6.57	31.52	8992.1	465.83
HARRIS, A. E. & SON, EAU CLAIRE, WIS. 1 day test.								
Okay's Rose's Buttercup 75798	D	231	Sept	358.9	6.00	21.53	5988.9	314.31
White Knight's Fanny 72863	C	214	Sept	443.2	5.19	23.00	5695.4	284.14
HARTSHORNE, ROBERT, PORTLAND FARM, HIGHLANDS, N. J.								
May Bell of Portland 96622	G	144	Sept	796.3	3.89	30.98	4498.2	182.80
May Day of Portland 73453	D	292	Sept	909.2	3.89	35.37	12132.9	486.46
HARVILLE, CARROLL, EAU CLAIRE, WIS. 1 day test.								
Margaret of O'Klare 90142	F	183	Sept	449.8	5.45	24.51	4455.1	217.25
HARVILLE, THOS., "O'KLARE," EAU CLAIRE, WIS. 1 day test.								
Elo of O'Klare 76908	D	334	Sept	385.5	4.70	18.12	7493.2	351.48
Miss Basee 60421	A	365	Sept	676.0	4.33	29.27	11355.7	540.42

Though there are but three Guernsey herds in the association they are making a splendid showing. T. L. Rea, Kalamazoo, has twelve cows and in October he had ten cows that averaged 309 pounds for 273 days.

Two new converts to the breed have been made here recently. They are Ezra Levin of Portage Center, and J. H. Lowe, Vida Farms, Kalamazoo. Pattison Brothers, Kalamazoo, purchased a young sire at the recent Lansing sale and several others, including Mr. Brown of Schoolcraft, are in the market for stock.

—S. P. SEXTON
Kalamazoo County

Minnesota

Shorewood Farm Notes

The Guernsey cow in Minnesota has for the first time compelled the Black and Whites to be content with second place. By producing 6.55 pounds of butter fat in two days from 140.6 pounds of milk, Pearl's Dot 57445 leads all breeds in Minnesota for the month of October. Her credit for the month is 2300 pounds of milk and 107.18 pounds of butter fat (unverified). She will be bred for the double letter class and barring accidents should finish well at the top.

We are running ten cows on test at the present time which is the largest number we can handle at one time. Most of these are daughters of Ladysmith's Cherub 30760, and are giving good accounts of themselves. Cherub's Promise of Shorewood 83709 finished her year with 653 pounds of butter fat in class FF, but by continuing her for the next three months we hope to have her finish with about 680 pounds of butter fat which will entitle her to third place among the Leaders in class FF.

Bull sales have been very good and at the present time we have nothing to offer in the way of a bull of serviceable age. The daughters of Ladysmith's Cherub 30760 are being bred to the 1921 grand champion, Cherub's Pearl Royal of Shorewood 58824, and we should have some very desirable bulls from this combination. Recent sales include a two year old son of Pearl's Dot 57445 to A. L. Sheldon of Grand Rapids, Minnesota, a yearling son of Pearl's Dot 57445 to R. S. Austin of Osakis, Minnesota. Louis McL. Merryman of Cockeysville, Maryland, visited our herd while at the National Dairy Show and selected a son of Cora of Gerar 48309 by a son of Ladysmith's Cherub 30760. Mr. Merryman bred

Cora of Gerar 48309, which has four Advanced Register records all made before she was six years of age. She is a Class Leader in class CC with a record of 665.94 pounds of butter fat and has a class AA record of 734.54 pounds of butter fat. Cherub's King of Shorewood 70970 a typey son of Ladysmith's Cherub 30760 and out of Imp. Althea of Sarnia 40208 went to A. L. French of Anoka, Minnesota. He has been using Cherub blood for several years.

—S. S. HOLGREN
Hennepin County

Stearns County Meeting

The Stearns County Guernsey Breeders' Association held their fourth annual meeting at Paynesville, Minnesota, on the afternoon of November 17, 1921. In spite of the early snow there was a good attendance. If the roads had been better we would have expected a large attendance. It was decided at the meeting to carry on advertising in county papers, and also to get a County Herd ready for the Minnesota State Fair next fall. All the old officers were re-elected. They are Dr. G. E. Sherwood, Kimball, president; A. G. Bork, Paynesville, vice-president; C. L. Arnold, Eden Valley, Secretary-treasurer; and Walter Kruger, Paynesville, and H. Felder, Belgrade, on the executive committee.

In the evening a banquet was held and all the business men of Paynesville and elsewhere together with their wives, as well as breeders of other breeds of live stock were present. An orchestra played during the entire evening, and was thoroughly appreciated by everyone. After the banquet, talks were given by a number of breeders and business men, and all pledged to further support the Guernsey breeders in anything they may undertake. All in all it was a great day for Guernseys in Stearns County, Minnesota.

—C. L. ARNOLD Secretary
Stearns County Guernsey Breeders' Association

New Jersey

Wood Brook Guernseys

Wood Brook Farm, Metuchen, New Jersey has established a Guernsey herd by the purchase of a foundation from the Oaklands Farm Company herd at Trenton, New Jersey. Thirteen of the cows are now on the Advanced Register test. The product of the herd is sold as certified milk.

Wood Brook Farm is managed by W. R. Hale.

HEDDLES BROS., PAONIA, COLO.

Willella Pride 90379	G	304	July	353.4	4.11	14.52	4226.6	175.37

HERBERT, PRESTON, MAPLE SHADE FARM, BRIARCLIFF MANOR, N. Y.

Lady Carolyn of Maple Shade 74596	D	242	Sept	967.8	5.39	52.16	8581.0	392.85
Imp. Lady's Pride of Oaks Farm 94414	E	288	July	728.1	4.91	35.75		
		319	Aug	762.6	4.80	36.60		
		349	Sept	737.2	5.51	40.62	10486.5	516.01
Imp. Liberty Lady of Briarcliff 110641	G	143	Sept	962.5	5.33	51.30	4971.8	234.09
Imp. Molly III. of the Fontaines 110640	F	242	Sept	954.7	4.71	44.97	8556.5	368.79
Imp. Princess of Les Padins de Bas 110639	F	203	Aug	789.6	4.66	36.80		
		233	Sept	742.8	5.37	39.89	6447.4	315.65
Saugerties Morning Glory 80492	E	242	Sept	797.2	5.34	42.57	7473.5	352.13
Imp. Souvenir of Halifax 94415	E	169	Sept	1134.6	4.54	51.51	6769.6	259.23

HILL, CHARLES L., "SARNIA," ROSENDALE, WIS. 1 day test.

Daffodil of Sarnia 49570	A	365	Sept	49.0	4.81	2.36	12711.8	596.46
Goda of Sarnia 67467	B	191	Sept	654.6	4.72	30.90	5327.7	242.16
Grateful of Sarnia 67465	B	212	Sept	1015.7	4.88	49.57	8076.7	393.14
Ilene of Sarnia 94381	G	195	Sept	915.1	4.51	41.27	7106.4	298.03
Infanta of Sarnia 87746	G	347	Sept	345.3	6.91	23.86	7843.2	369.62
Iola of Sarnia 82321	F	363	Sept	675.7	5.60	37.84		
		365	Oct	44.7	5.60	2.50	9022.1	490.55
Irma of Sarnia 82319	E	123	Aug	885.9	4.59	40.66		
		153	Sept	746.7	4.87	36.36	4586.6	217.88
Ivory of Sarnia 89505	F	139	Sept	674.9	5.99	33.68	4365.0	201.27
Jolie of Sarnia 96554	G	4	Sept	97.6	4.38	4.27		
s. Jessy Rose's Pride of Iowa 23955 A. R.								
d. Imp. Freda of Sarnia 87350								

HILLS, E. E., HILLSWOLD FARM, SHREWSBURY, MASS.

Hillswold Belclare 89013	F	29	Sept	900.3	3.96	35.65		
s. Warrior of Hillswold 42609								
d. Hillswold Claribel 62854								
Hillswold Bess 90522	G	304	Sept	636.5	5.22	33.23	6615.1	335.68
Hillsw ld Bonnibel 62855	A	259	Sept	1032.0	4.30	44.38	8827.9	405.39
Hillswold Charity 89008	F	229	Sept	806.3	4.42	35.64	6581.5	300.98
Hillswold Gene 61033	A	24	Aug	923.0	4.53	41.81		
		54	Sept	1215.0	4.53	55.04	2138.0	96.85
s. Pat of Carwytham 27076								
d. Dorcas of Carwytham 47740 A. R. 4457								
Hillswold Isabel 62853	A	24	Aug	946.8	4.57	43.27		
		54	Sept	1149.4	4.57	52.53	2096.2	95.80
s. Imp. His Excellency of Linda Vista 28386 A. R.								
d. Belle of Bayside 39154 A. R. 4901								
Hillswbld Queen 89007	E	68	Sept	620.5	4.70	29.16	1433.6	74.53
Hillswold Susette 89011	G	269	Sept	514.7	4.77	24.55	5236.6	258.69

HINTON, ORA E., WEEDSPORT, N. Y.

Maple Glen Ruby 86317	G	351	Sept	855.2	5.46	46.69	9177.8	493.49
Maple Glen Yosabel 86318	G	328	Sept	618.1	5.91	36.53	8824.3	468.78

HOLLERITH, HERMAN, WASHINGTON, D. C.

Millionaire of G. 49722	A	214	Sept	1014.7	4.70	47.69	8073.3	361.30

HOLLINGSWORTH, M. M., LANDENBERG, PA. 1 day test.

Hope's Heires 88523	G	314	Sept	398.5	7.54	30.05	6638.0	374.86

HOWE, H. W., BEAVER RIDGE FARM, BEDFORD HILLS, N. Y.

Bobolink of Annandale 93773	D	264	Sept	1172.5	5.64	66.13	10556.9	570.36
Maytime of Beaver Ridge 86295	E	61	Sept	1106.9	4.76	52.69	2286.1	101.04

HUGGLER, FRED, HARRITON GUERNSEY DAIRY & STOCK FARM, BRYN MAWR, PA. 1 day test.

Belle of West View 48592	A	183	Sept	882.6	5.07	44.75	6109.5	294.27
Mayflower of Harriton 91935	F	144	Sept	922.0	4.02	37.06	4608.4	197.54

HUGHES, ROY O., MORA, MINN. 1 day test.

Imp. Barcelonette of Jean Du Luth 93863	G	280	Sept	686.9	6.58	45.20	8016.2	428.22
Lady Sybil of Lakeview 85734	G	287	Sept	684.6	5.83	39.91	7278.0	366.17

HUMPHREY, A. B., GRAPE WILD FARMS, ESCALON, CAL.

Calla Grove Dolly 75747	E	365	Sept	197.8	7.31	14.46	9175.6	483.21
Calla Grove Itchen May 73356	D	273	Sept	1016.6	6.12	62.22	10494.5	528.07
Calla Grove Merry May 85552	F	242	Sept	676.7	6.68	45.20	6064.7	308.95
Mayhew Lura 51856	A	131	Sept	933.5	4.68	43.69	4662.3	203.42
Princess Glynn of Revada 72881	C	195	Sept	694.9	5.65	39.26	5605.2	274.54
Imp. Princess May of the Hunguets XI. 53536	A	321	Sept	878.8	4.58	40.25	10764.4	453.44

HURDLE, J. H. & SON, HUNTINGTON, IND.

Jennie's Princess of Crane Farm 57040	A	183	Sept	1101.1	3.87	42.61	7885.4	296.41

HURLEY, W. M., WILLOW BROOK FARM, NORTH PEMBROKE, MASS.

Imp. Hayes Moss Rose 67892	A	184	Aug	780.8	6.01	46.93		
		214	Sept	674.9	5.52	37.25	6806.9	361.84
Memento's Lady Bickleigh 85034	G	365	Sept	242.1	5.84	14.14	9850.6	513.56

HYZER, ALBERT L., STORM LAKE, IOWA.

Lura's Pet of Mineral Home 95416	G	10	June	293.5	3.93	11.53		
		41	July	881.6	3.93	34.65	1175.1	46.18

s. May Rose of Maple Hill 40466
d. Lura's Secret of Maple Hill 46768 A. R. 5796

ICKES, J. F. & SON, WAYLAND, OHIO.

Bess of Maplecrest 89150	F	226	Sept	776.0	4.29	33.29	6972.5	294.59
Spotswood Jeannette of Mara Alva 79554	E	200	Sept	750.5	4.97	37.30	5410.4	260.42

INMAN, WILLIE LEE, LEESBURG, VA.

France's Beth of Big Spring Farm 69962	A	153	Sept	957.1	4.86	46.52	6072.2	276.54

IOWA STATE COLLEGE, AMES, IOWA.

College Lily 49241	A	353	Sept	245.0	4.61	11.29	7174.9	348.67
Ladysmith Rouge Cherub 69673	C	328	Sept	252.3	5.50	13.88	7112.8	368.42

JAMES, A. L., OAKHURST FARM, DARLINGTON, S. C.

Dimple of Oakhurst 98996	G	183	Sept	630.1	5.87	36.99	4558.8	236.60
Laddie's Janette of Maple Ridge Farm 88093	E	153	Sept	678.4	4.70	31.88	4218.4	191.94

JAMES, ARTHUR CURTISS, BEACON HILL FARM, NEWPORT, R. I.

Beacon Hill Dairymaid 98026	G	83	Aug	1060.0	4.75	50.35		
		113	Sept	932.4	5.37	50.07		
		144	Oct	921.0	5.47	50.38	4759.7	238.37
Erwinia's Rose Queen 33052	A	359	Aug	638.7	5.13	32.77		
		365	Sept	119.2	5.13	6.11	9347.1	472.70
Lovely Rose 33051	A	365	Aug	205.0	5.54	11.36	8494.1	431.75
Rose Queen of Onunda 41124	A	184	Aug	1364.9	4.53	61.83		
		214	Sept	1201.0	4.92	59.09		
		245	Oct	1222.2	5.08	62.09	11575.6	517.23
Tea Rose of Onunda 61986	A	365	Aug	150.6	6.56	9.88	7995.2	425.60

JAMISON BROS., HOMESTEAD FARM, APPLETON, WIS.

Amber May of Homestead 89749	G	221	Sept	593.0	5.10	30.24	5699.6	281.69
Golden May Tidy of Homestead 95749	G	171	Sept	919.2	4.70	43.20	5686.8	286.95
Greta Jay of Homestead 88020	F	312	Sept	815.7	5.32	43.40	10039.4	535.20
Nella Tidy of Homestead 95322	G	181	Sept	710.3	5.26	37.36	4311.4	206.37
Paget's Tidy's Rose of Homestead 96172	G	199	Sept	658.9	4.97	32.75	5003.1	245.81
Plummer Farm Blooming Rose 88637	F	306	Sept	577.4	4.89	28.23	8701.0	406.01

JAMISON, C. B., HOMESTEAD FARM, APPLETON FARM, WIS.

Lavinia's Queen Bess 85791	F	365	Sept	712.7	4.37	31.14	10557.9	429.23

JAMISON, J. H., HOMESTEAD FARM, APPLETON, WIS.

King's Butter Queen's Queen 85792	F	350	Sept	729.9	5.21	38.03	10126.5	473.19

JOHNSON, ALBERT, THIEF RIVER FALLS, MINN. 1 day test.

Imp. Ja-Da of Jean Du Luth 93862	F	259	Sept	779.9	5.88	45.86	7780.0	375.38
Ma Belle Rose of Jean Du Luth 89691	G	183	Sept	443.7	4.86	21.56	4349.7	193.55
Imp. Myra of Oakley 73781	A	239	Sept	455.2	6.69	30.45	6191.8	338.74
Sequel's Violet 98553	G	268	Sept	479.6	5.57	26.71	5623.9	273.84

JOHNSON, L. G., WHITEWATER, WIS.

Birdie of Orchard Grove 93296	G	84	Aug	654.6	4.70	30.77		
		114	Sept	521.3	4.74	24.71	2319.0	109.04
Imp. Brunette of the Haut Pave 84044	D	114	Sept	674.3	5.00	33.72	2850.5	141.23
Celena's Hazel 92063	G	203	Sept	521.5	5.59	29.15	4242.3	223.05
Celena's Thelma 73630	D	365	Sept	379.5	4.12	15.64	11141.1	503.09

JOHNSON, V. C. & BRO., DINSMORE, FLA. 1 day test.

Marion of Clearview 58147	A	317	Aug	703.5	4.61	32.43	11954.4	508.93

JONES, WILLIAM M., SUNNY VALLEY FARM, WAUKESHA, WIS.

Topsy Butternut 79626	E	352	Sept	536.0	6.39	34.25	8067.9	491.84
Topsy's Lily 80342	F	352	Aug	584.9	5.59	32.70		
		365	Sept	208.1	5.97	12.42	9215.9	499.88

JONES, WILLIAM M. & SON, SUNNY VALLEY FARM, WAUKESHA, WIS.

Sweet Alice's Yeksa 88825	G	309	Sept	561.3	4.84	27.17	7744.4	343.37

KANSAS STATE AGRICULTURAL COLLEGE, MANHATTAN, KANS.

Benefactor's Happy Girl 81268	F	365	Sept	159.4	4.98	7.94	8056.3	355.56
Benefactor's Rose 100637	G	6	Aug	117.5	3.21	3.77		
		36	Sept	542.5	3.21	17.41	660.0	21.18

s. Langwater Benefactor 41975
d. Imp. Rosy VII. de la Vieille Rue 39650 A. R. 5437

Dominant's College Frances 75153	C	191	Sept	856.2	5.82	49.83	7143.6	337.47

New York

Orleans County Activities

At the Orleans, New York, County Fair, held at Albion, thirty-six Guernseys were exhibited by five breeders. The calf club organized in this community last spring consists of members owning three Guernsey, one Jersey, and eleven Holstein calves, and a Guernsey calf won the cup for the best calf and scored in open class. A grandson of Ne Plus Ultra 15265 won first aged bull and a great-grandson of Ne Plus Ultra 15265 was first in class of two year old bulls. The Guernseys were stabled in a special tent. My Guernseys won first in aged herd, first and second in produce of dam, first in get of sire, third on aged bull, first and third on two year old bull, first yearling bull, first bull calf, second aged cow, first three year old cow, first two year old heifer, first breeder's young herd, first and third on heifer calf, third on best dairy cow. In the latter class I won with a grade Guernsey.

My son, who is fifteen years of age, takes quite an interest in the JOURNAL and we both feel that we cannot do without it.

—R. C. OSTRANDER
Orleans County

Beaver Ridge Bull to Arizona

May Boy of Beaver Ridge 68535, a year and a half old Guernsey bull of distinguished lineage, left Bedford Hills last Saturday on a long express journey. May Boy of Beaver Ridge 68535 will be on the trains a full week before he arrives at Phoenix, Arizona, where he will join the herd of William Walton on his big ranch.

The express charge is $93.

Superintendent W. H. Sanders of Henry W. Howe's Beaver Ridge Farm, who is an able draughtsman, lettered a sign and tacked it to the crate front. It says, "I do not speak your language, but I need a drink occasionally and a little feed. (Signed) Mr. Bull."

A good sum was paid Mr. Howe for May Boy of Beaver Ridge 68535, it is stated.

—THE TIMES, Mount Kisco

A Correction

In the November 15, 1921, issue of the GUERNSEY BREEDERS' JOURNAL appeared a news item concerning the purchase of Wyebrook Candor 75295 by Fred Armer, Ballston Spa, New York, from C. L. A. Whitney, Albany, New York. The credit of the dam was given as 239.48 pounds of butter

fat in 159 days. The credit should have been 299.48 pounds of butter fat in 159 days.

The figure was given correctly in the printer's copy, was corrected in the proof, and again corrected in the revised galley proof, but still remained unchanged.

Pennsylvania

Butler County Breeders Active

Through the efforts of the Guaranty Trust Company, Butler, Pennsylvania, in forwarding the dairy industry financially, a committee of this association is away purchasing almost a carload of Guernseys for Butler County.

The state veterinarian, located in Grove City, tested three herds of Guernseys in the county and found them all to be clean. The owners of the herds were as follows: F. R. Hartzell with nineteen registered Guernseys; E. F. Edgar with eight registered and seven grade Guernseys; and L. S. Riley with one registered and thirteen grade Guernseys, making a total of forty-eight Guernseys in all.

These are the first Guernseys in this community to be tested although several herds in the northern part of the county are on the accredited list.

—F. R. Hartzell, Secretary
Butler County Guernsey Breeders' Association

Wawa Notes

The outstanding feature of the landscape as one approaches Wawa Dairy Farms on the Baltimore Pike at Wawa, Pennsylvania, is the new model test barn, which was planned and erected during the closing of the war period by George Wood, the proprietor, despite the high cost of labor and materials. The outstanding feature of the breeding work is the splendid Advanced Register records being made in this barn.

Mr. Wood was firm in his conviction that the Advanced Register work conducted in this test barn would greatly advance the breeding operations at Wawa, and demonstrate the ability of Wawa Guernseys to produce milk and butter fat with the best in the breed.

The first year's work by the Wawa Guernseys under the ideal conditions of this barn shows several Guernseys have produced around sixty pounds of milk per day. Among the higher one day milk records are those of Auricula's Crystal of Wawa 48942 with 64.5 pounds; Main Stay's Daisy

Imp. Golden Chance II. of Ashburton 66993	A	214	Sept	542.0	4.52	24.50	5827.7	224.40
Imp. Pallas 65709	A	283	Sept	839.7	5.20	43.66	11086.0	508.50
KELLOGG, M. S., JANESVILLE, WIS.								
Imp. Ceres of Sarnia 53728	A	47	Sept	751.0	4.66	35.00	1309.9	63.11
Dairymaid's Maggie of Fox Valley 76563	C	61	Sept	623.9	4.64	28.95	1399.7	65.72
Margaret's Maid 59448	A	183	Sept	595.6	5.32	31.69	4944.5	252.51
Naomi of the Cedars 69610	A	61	Sept	705.1	4.79	33.77	1675.0	79.55
Princess of Saxalea 72281	C	228	Sept	499.3	6.26	31.26	6105.6	310.72
Queen Yeksa of Saxalea 72282	C	153	Sept	561.4	5.33	29.92	4622.1	232.50
Violet of Saxalea 97328	G	51	Sept	479.9	4.99	23.95	854.3	40.50
KIESLING, E. H., JEFFERSON, WIS.								
Golda Glenwood of Jefferson 64588	A	272	Sept	481.3	5.22	25.12	7552.9	351.17
Imp. Nell of Arroyo 47086	A	183	Sept	490.5	5.83	28.60	3617.7	202.71
KINNEY, O. F., WALDORF FARMS, NORTH CHATHAM, N. Y. 1 day test.								
Matilda D. 70197	B	183	Sept	806.4	4.87	39.27	6499.3	294.82
Miss Dewdrop of Rockstone 87150	G	351	Sept	576.9	5.52	31.84	10315.7	458.15
Waldorf Seamstress's Beauty 96910	G	81	Sept	820.4	4.31	35.36	2431.9	94.22
Waldorf's Mina 96906	G	61	Sept	1118.2	4.09	45.73	2343.8	95.00
Woodland's Bobolink 62500	B	365	Aug	461.9	5.27	24.34	11065.5	546.32
KNAPP & WOODWORTH, WATERVLIET, MICH. 1 day test.								
Maude B. of Maple Row 58318	A	137	Sept	940.1	4.96	46.63	4992.5	222.31
KNUDSON, ALLIC S., SUGAR RIVER STOCK FARM, BRODHEAD, WIS.								
Dorothy Dimple Rilma 82119	F	365	Sept	238.4	3.60	8.58	11802.9	472.77
Edgemont Celosia 31725	A	291	Sept	756.6	5.17	39.12	10352.3	494.21
Edgemont Celosia's Granddaughter 78737	D	273	Sept	528.3	5.38	28.42	7412.0	314.62
Galore Celosia of Sugar River 72618	C	259	Sept	808.6	4.91	39.70	9678.5	421.42
Lady Galore Rilma 80954	D	143	Sept	806.1	4.85	39.10	5152.6	208.46
Lady Rilma of Sugar River 2d 78738	D	214	Sept	846.9	4.51	38.20	8458.2	327.82
KONRAD, GEORGE, RICHFIELD, WIS.								
Duchess of Maple Hill 56783	A	365	Sept	802.5	5.29	42.45	14243.4	670.67
May Rose of Tillybardin 45727	A	23	Aug	845.8	4.21	35.61		
		53	Sept	1137.9	4.21	47.91	1983.7	83.52
s. Langwater Hayes Rosie's King of the May 16723 A. R.								
d. Mount Pleasant Rose 17826								
KREBS, H. J., BREIDABLIK FARM, WILMINGTON, DEL.								
Bonnie of Belle-moor 79249	C	89	Aug	924.0	3.72	34.37		
		119	Sept	871.8	3.75	32.69	3680.8	148.75
Breidablik Beauty 97933	G	148	Aug	430.5	4.26	18.34		
		178	Sept	485.3	4.43	21.50	3188.4	131.57
Breidablik Fleurie 87995	G	300	Aug	686.2	4.81	33.01		
		330	Sept	581.6	5.30	30.82	7846.4	368.15
Breidablik Lilly 82493	F	300	Aug	725.8	4.02	29.18		
		330	Sept	616.3	4.19	25.82	8006.6	338.80
Lucinda May King 62221	A	212	Aug	837.4	5.05	42.29		
		242	Sept	696.3	5.28	36.76	7095.6	345.75
Osceola Princess Daphne 77779	E	184	Aug	712.4	5.64	40.18		
		214	Sept	589.3	5.98	35.24	5317.3	272.98
Osceola Rushington Beauty 77533	E	274	Aug	654.2	4.30	28.13		
		304	Sept	601.7	4.63	27.86	9256.7	376.32
Pinehurst Golden Glory 95387	G	139	Aug	794.1	4.90	38.91		
		169	Sept	673.7	4.82	32.47	4681.3	221.91
Pinehurst Mayetta 81398	D	24	Aug	726.6	4.00	29.06		
		54	Sept	942.8	4.00	37.71	1669.4	66.77
s. May King of Ingleside, Jr. 29704								
d. Golden Gloretta 36666 A. R. 3702								
LARSON, GEORGE E., AMHERST JUNCTION, WIS.								
Amlo's Anly 91764	G	334	Sept	836.3	4.23	35.38	10318.1	451.16
Ivy Queen 41970	A	322	Sept	1084.0	5.68	61.57	14370.5	804.78
Marshfield's Daisy 92008	G	214	Sept	719.2	5.40	38.84	6055.7	317.16
Milkmaid's Lily 81084	E	338	Sept	465.6	5.83	27.14	8668.1	475.24
Milkmaid's Mermaid 92009	G	226	Sept	546.2	5.42	29.60	4943.9	228.93
Red Fawn's Sunshine 54956	A	231	Sept	585.8	5.81	34.03	5884.6	343.77
Sybilla of Amherst Junction 43442	A	227	Sept	514.1	5.50	28.28	6285.3	319.91
Tellus's Beauty 80465	E	344	Sept	808.3	4.51	36.45	12645.8	586.44
Tellus's Trixy 93262	G	304	Sept	610.4	4.39	26.80	9219.9	411.80
Zenobia Jewel 80485	E	343	Sept	910.1	4.65	42.32	11173.7	553.85
Zenobia of Amherst Junction 54785	A	214	Sept	720.8	5.10	36.76	7037.2	347.68
Zenobia's Amlo 69110	C	315	Sept	861.7	4.15	35.76	12854.6	526.53
LAUGHLIN, CLIFTON, McLEAN, VA. 1 day test.								
Cosy Dolly of McLean 120628	E	181	Sept	833.5	4.66	38.84	6030.6	245.19
Rebecca of Mifflinville 56309	A	183	Sept	559.1	4.41	24.66	5160.3	204.72
LAWSON, VICTOR F., LONE TREE FARM, GREEN LAKE, WIS.								
Alvilda of Springvista 39118	A	273	Sept	835.6	4.51	37.69	12002.5	529.58
Diamond Lass of Lone Tree Farm 78534	C	153	Sept	828.1	4.17	34.53	5961.1	241.93
Lone Tree Brunella 88046	G	242	Sept	560.1	5.05	28.29	7756.3	343.17

Lone Tree Daisy Blossom 91774	G	256	Sept	563.5	5.10	28.74	8156.5	379.75
Lone Tree Deanie 88051	G	264	Sept	519.2	5.22	27.10	6336.4	292.58
Lone Tree Starshine 88047	G	354	Sept	574.6	5.51	31.66	8340.3	463.78
LAWSON, W. A., ELMWAY FARM, ROSENDALE, WIS. 1 day test.								
Elmway's Etta 83179	G	323	Aug	633.9	5.20	32.96		
		353	Sept	541.7	5.60	30.34	9167.5	461.87
Maud's Beauty of Elmway 58732	A	365	Sept	30.9	6.47	2.00	8662.6	497.57
Miss Violet B. 50551	A	153	Sept	444.1	4.19	18.61	3370.3	136.95
LEMON, L. C., OSAGE, IOWA. 1 day test.								
Glenwood's Maid of Farview 83475	E	142	Sept	877.3	4.31	37.81	4697.0	192.94
Vesta Speculation 50056	A	11	Aug	405.0	3.69	14.91		
		41	Sept	1093.9	3.69	40.36	1498.9	55.30
s. Glen Speculation 18548								
d. Vesta McQueen 32969								
LEONARD ESTATE CO., RIVER BANKS FARM, GRANTS PASS, OREGON.								
Council Grove of Bon Ayre 44614	A	164	Sept	973.5	4.54	44.20	6268.9	260.62
Nakena's Sequel of River Banks 85250	E	122	Sept	997.9	4.42	44.11	4376.6	186.98
LEWIS, R. M., WOODY BROOK FARM, RIDGEFIELD, CONN.								
All Heart 69408	B	30	Sept	1506.7	4.61	69.46		
s. Imp. Sequel's Budget II. 21327 A. R.								
d. Countess of the Glen 34885								
Brita of Beaver Ridge 72382	B	30	Sept	1222.5	4.91	60.02		
s. Florham Golden Lad 18119 A. R.								
d. Brita of the Glen 41667								
Finny of the Glen 83681	E	57	Sept	1133.3	4.48	50.77	2179.0	105.77
Sweet Clover of Annandale 72032	A	237	Sept	990.0	5.73	56.73	9227.9	499.02
LOETHER, R. H. & SON, EAU CLAIRE, WIS. 1 day test.								
Loether's Golden Olive of Fernhurst 83839	B	92	Sept	706.4	4.64	32.78	2661.9	105.52
LORING, ALBERT C., WOODEND FARM, MOUND, MINN. 1 day test.								
Charmante's May Rose 96874	G	61	Sept	808.7	4.65	37.60	1693.2	79.79
Dewdrop of Wheeling 94507	G	166	Sept	621.4	5.10	31.69	4136.5	201.18
Fanny's May Rose of Woodend 96875	G	30	Sept	728.0	3.98	28.97		
s. May Rose Secret of Pencoyd 27844 A. R.								
d. Imp. Mysore's Sequel's Fanny 51763 A. R. 9861								
First Dawn's May Rose 55430	A	256	Sept	704.3	5.21	36.69	8510.8	402.30
First Dawn's Secret of Woodend 88656	G	248	Sept	866.6	4.72	40.90	8404.8	354.07
Lenore's Pauline 49418	A	218	Sept	681.3	4.47	30.45	6361.7	293.64
Mayflower's Governess 96872	G	61	Sept	732.9	4.36	31.95	1485.9	67.87
Queen of the Crest 91821	G	214	Sept	702.3	4.33	30.41	6210.6	266.38
Rosalie's May Rose 2d 94230	G	30	Sept	824.0	3.73	30.74		
s. May Rose Secret of Pencoyd 27844 A. R.								
d. Rosalie's May Rose 55427 A. R. 7382								
Sunbeam's Dawn May Rose 96870	G	183	Sept	684.8	4.87	33.35	5317.1	248.16
LOVE, J. R., HAWTHORN FARM, WAUKESHA, WIS.								
Philip's Favorite of Hawthorn 87798	G	365	Oct	275.8	5.08	14.01	9045.6	441.72
LOVE, J. R. & SON.. HAWTHORN FARM, WAUKESHA, WIS.								
Billy's Pride of Hawthorn 77722	E	365	Oct	280.7	5.06	14.20	11143.9	510.88
LUCIA, GEORGE O., "NAVARINO," GREEN BAY, WIS. 1 day test.								
Glenwood's Lady Countess 57723	A	351	Aug	441.7	5.88	25.97		
		365	Sept	540.6	5.88	31.79	10270.3	533.91
Golden Glenwood's Fantine 80961	E	225	Sept	779.7	5.09	39.69	7320.1	345.13
LUCIA, SUSAN S., "NAVARINO," GREEN BAY, WIS.								
Lillian Glenwood's Fantine 56014	A	297	Sept	912.9	5.40	49.30	12405.7	566.11
McCARTHY, WM., LIMERIDGE, WIS.								
Rosey Neopit 59233	A	120	Sept	874.9	4.29	37.53	4380.5	184.98
Imp. Rosy II. of the Coudre 50330	A	118	Aug	808.5	4.25	34.36		
		148	Sept	648.2	4.85	31.44	4253.5	190.94
McCOMB, J. A., MILTON, WIS.								
Edgemoor Annie Laurie 67998	C	334	Sept	31.1	5.72	1.78	6955.1	373.08
Edgemoor Solina 53407	A	334	Sept	347.1	5.09	17.67	7150.1	306.75
Elf of Fair Wold 62138	A	326	Sept	39.6	6.70	2.65	5070.3	306.34
Ella of Fair Wold 83271	E	236	Sept	462.2	6.24	28.84	5396.6	297.60
Lady Betty of Edgemoor 73566	C	273	Sept	529.6	5.20	27.54	6675.2	316.57
Lady Katherine of Edgemoor 77786	D	334	Sept	447.1	5.44	24.32	6465.1	323.14
Lura Irene 32626	A	240	Sept	655.0	4.88	31.96	7711.7	326.28
Mavis 80745	D	153	Sept	710.8	5.05	35.90	4384.1	200.32
Pearl's Dolly 80746	E	148	Sept	632.5	5.20	32.89	3669.1	176.57
Statira 80744	E	189	Sept	794.2	5.23	41.54	6005.2	272.68
McCORMACK, JOHN, LILYDALE FARM, NOROTON, CONN.								
Cragston Mignon 63981	A	304	Sept	774.0	4.97	38.47	10204.5	502.24
Queen Elizabeth of Linda Vista 62152	B	365	Sept	358.6	5.51	19.76	11356.1	571.41
Rosalie of Cosquay 62806	A	304	Sept	1199.7	4.21	50.51	13806.4	579.77
St. Austell Daisy 84891	B	304	Sept	511.9	4.68	23.96	11887.8	545.06

of Wawa 70038 with 57.8 pounds; Dan Patch's Quince Blossom of Wawa 71862 with 55.0 pounds; and Milkyway's Peony Fleur du Jardin of Wawa 60224 with 53.0 pounds.

Records so far completed include Main Stay's Daisy of Wawa 70038 with 12719.4 pounds of milk and 625.49 pounds of butter fat at five years, three months; Duke's Belle of Maple Lane 26258 with 16538.0 pounds of milk and 712.36 pounds of butter fat at thirteen years, five months; Fair Anna Belle of Wawa 43950 with 13598.2 pounds of milk and 601.37 pounds of butter fat at ten years, two months; and Fresia Delma of Wawa 44862 with 12957.6 pounds of milk and 650.57 pounds of butter fat at nine years, two months.

Such records fully justify Mr. Wood's faith in erecting this test barn at a time when most men were cutting down or stopping such work entirely. It means great advancement for Wawa Dairy Farms. But consider the added value such records will give to bulls and other stock sold from the herd. The knowledge that the dam, sister or close relative is at work in this model test barn should add great assurance to purchasers of Wawa Guernsey bull calves.

—WAWA DAIRY FARMS

Washington

Washington Dairy Notes

The Guernseys in Clallam County were increased in number when seven pure bred heifers and one pure bred bull were purchased through the efforts of County Agent A. W. Holland, from W. A. Goodin of Cornelius, Oregon. Eight men and the county agent made the trip to examine the dairy cattle in Oregon and to make the purchase.

Snohomish County has its first dairy calf club, which was organized by County Agent W. D. Love, A. D. Hall, cashier of the First National Bank and A. A. Mykland, Principal of the Cedar Home School. The club is composed of eight boys and two girls who purchased seven pure bred Holstein heifer calves and three pure bred Guernsey heifers, two of which were bred. The animals purchased by the club cost $2000 and the club was financed by the First National Bank of Stanwood.

County Agent H. B. Carrol, Jr., reports the organization of a Guernsey Calf Club in the East Mountain View district. Five boys and girls secured pure bred Guernsey calves from members of the county Guern-

sey Club and were financed by the First National Bank of Ferndale. Jack Plaster was appointed local leader of the club.

—EXTENSION NEWS SERVICE

A. D. Angel Buys Heifer

The following is from a newspaper published in Yakima, Washington:

"The sale of a heifer calf, just two months old, at a figure far greater than that for which the dam was purchased last spring, was consummated Saturday, November 19, by Ray N. West, Guernsey breeder of Yakima, Washington. The purchaser is A.D. Angel, of Mabton, Washington. The calf is sired by France's May King 31553 and the dam is Show Girl of Muskego 92050. This is only one of several cases in which the calves of France's May King 31553 was sold for more than their dams."

France's May King 31553 is a son of Langwater Hambro 21011 and out of Imp. France XVIII. 24827. He is the sire of three Advanced Register daughters with records of 419.84, 442.06, and 512.63 pounds of butter fat in classes GG, GG, and EE respectively.

First Guernsey Bull

The first pure bred Guernsey bull to be brought to Frances, Washington, was purchased lately by F. F. Strozyk, a resident of that place, from A. L. Gile's Chicona Guernsey Farm, near Chinook, Washington.

—WESTERN FARMER

Wisconsin

Mr. Hill Addresses Students

A very interesting account of the breeding of cattle on the Island of Guernsey was recently given by Charles L. Hill, Rosendale, Wisconsin, to an audience of more than 200 agricultural students at the University of Wisconsin. Among the points brought out is that on the Island of Guernsey there are about 7000 pure bred cattle. On the neighboring Islands of Alderney and Sark are found 1000 and 500 head, respectively, of Guernsey cattle.

The four essential requirements for a bull to place in service are in substance, first, that no bull can stand for public service and have his calves registered unless he is at least fifteen months old; second, before service the bull must be taken with his dam before an examining board and be passed upon; third, the bull

Imp. Topsy of Les Mielles 94366	F	358	Sept	545.5	5.02	27.38		
		365	Oct	86.6	5.02	4.35	11783.7	493.53
McGREW, E. E., LAKESIDE GUERNSEY FARM, DASSEL, MINN. 1 day test.								
Billy's Lassie 73531	A	357	Sept	126.1	4.58	5.78	11401.1	518.50
Classic's Stars and Stripes of Lakeside 75089	E	365	Sept	361.6	5.92	21.41	10452.6	494.20
Imp. Comma of Sarnia 46576	A	132	Sept	1329.7	4.40	58.51	5964.1	234.87
Imp. Evermore of Sarnia 73708	A	365	Sept	484.1	5.77	27.93	11772.3	614.60
Imp. Flax of Sarnia 73770	A	242	Sept	973.5	5.09	49.55	9649.2	473.87
King Pretor's Rose of Lakeside 70565	C	235	Sept	850.2	5.77	49.06	8903.9	450.62
King's First Choice of Lake Side 54437	A	190	Sept	852.0	4.66	39.70	6092.5	268.76
Mazie of Cuyuna 44403	A	283	Sept	449.4	6.56	29.48	10034.2	460.10
Rose of Oak Hill Farm 44612	A	365	Sept	719.7	6.05	43.54	11467.1	644.79
McINTOSH, JAMES L., CLOVER FARM, DOVESVILLE, S. C.								
Aimable's Pet of Oak Ridge 50942	A	214	Sept	737.6	5.27	38.87	6590.0	323.86
Effie's Soso of Burkeville 77484	D	214	Sept	726.7	6.36	46.22	6131.3	336.78
Glenwood's Helen of Locust Grove 90322	G	269	Sept	829.9	4.53	37.59	8251.6	367.00
Glenwood's Soso of Oak Ridge 47971	A	153	Sept	992.8	4.51	44.78	5890.6	252.94
Helen of Oak Ridge 47644	A	170	Sept	900.0	4.43	39.87	6057.8	257.01
Sunbeam of Oak Ridge 40432	A	153	Sept	917.8	4.95	45.43	5693.0	255.00
MACKAY, CLARENCE, "HARBOR HILL," ROSLYN, N. Y.								
Imp. Bon Espoir XVII. 67694	A	231	Sept	1158.2	4.13	47.83	10836.4	405.21
Imp. Bright Nelly 73744	A	270	Sept	1108.9	5.37	59.55	11603.2	587.52
Celia May 106669	F	160	Sept	1054.3	5.16	54.40	6459.3	291.26
Elsie of Harbor Hill 118030	G	17	July	611.3	3.83	23.41		
		48	Aug	1460.1	3.83	55.92		
		78	Sept	1369.2	4.09	56.00	3440.6	135.33
s. Glenburnie Galore 34286 A. R.								
d. Linden Girl 2d 72077 A. R. 6877								
Gerar Kitty 87569	G	151	May	962.6	4.99	48.03		
		181	June	1012.0	5.02	50.80		
		212	July	1060.5	4.92	52.18		
		243	Aug	1070.7	5.57	59.64		
		273	Sept	1026.8	5.79	59.45	9099.0	457.10
The Last Dame 95670	B	108	Sept	1342.6	4.71	63.24	5694.7	223.22
MACKINNON, B. A., WESTVIEW FARM, PAWLING, N. Y.								
Hannah of Maplecroft Farm 78619	E	242	Sept	864.8	4.94	42.72	7562.5	370.62
King's Lovely Lassie 66834	B	242	Sept	722.1	5.87	42.39	7553.0	377.67
Imp. Popular Bella 77344	C	242	Sept	1007.0	4.14	41.69	8670.3	388.07
Westview May Belle 90604	D	122	Sept	1027.9	4.80	49.34	4569.9	215.11
Westview Mignonette 90611	F	27	Sept	1050.3	4.60	48.31		
s. Langwater Ultimas 39637								
d. Itchen King's Lisette 67645								
MACY, V. EVERIT, CHILMARK FARM, OSSINING, N. Y. 1 day test.								
Alresford's Antoinette 84167	F	198	Sept	974.6	4.73	46.10	7080.0	301.50
Alresford's Lady Galore 84168	F	255	Sept	858.1	4.56	39.13	8812.7	369.76
Chilmark's Chenette's Nosegay 84169	F	289	Sept	759.5	4.81	36.53	7840.7	375.45
Graceful Miss 67730	A	92	Sept	1198.5	4.76	57.05	3746.0	169.25
Queen Itchen 52003	A	4	Aug	172.5	3.63	6.26		
		34	Sept	1258.2	3.63	45.67	1430.7	51.93
s. Itchen Daisy's May King of Langwater 17349 A. R.								
d. Imp. Antoinette's Queen's Prize VII. 16010 A. R. 497								
Westbrook Enchantress 97688	G	4	Aug	119.4	4.08	4.87		
		34	Sept	906.5	4.08	36.99	1025.9	41.86
s. Royal Sovereign of Onunda 34504								
d. Napoleon's Dame 30172								
MARYLAND AGRICULTURAL EXPERIMENT STATION, COLLEGE PARK, MD.								
Glenwood's Milk Maid of Rossbourg 87181	E	12	Sept	364.4	3.81	13.88		
s. Dairy Division Glenwood 25319 A. R.								
d. Lina of Rossbourg 70752 A. R. 7402								
Glenwood's Sparkle of Rossbourg 84530	F	355	Sept	367.7	4.86	17.87	5238.3	277.28
Holly France 50245	A	92	Sept	606.6	3.58	21.72	2424.6	98.07
Lina of Rossbourg 70752	A	30	Sept	1327.9	4.04	53.65		
s. Procida's Masher 16691 A. R.								
d. Elfleda of Haddon 36575 A. R. 3668								
Royal Proda of Rossbourg 91991	F	61	Sept	1119.8	3.87	43.34	2254.3	84.07
MASON, G. F., LISBON, OHIO. 1 day test.								
Rose Fraance of Lincoln Way 71814	B	88	Sept	722.8	4.49	32.45	2352.2	116.47
MERICKEL & NELSON, ENGLEWOOD GUERNSEY STOCK FARM, EAGLE BEND, MINN.								
Duchess of Maple Grove 72497	C	304	Sept	589.8	6.05	35.68	7789.5	407.30
Meranda's Pride 92482	D	184	Aug	672.0	5.16	34.68		
		214	Sept	687.6	5.40	37.13	6238.9	306.56
Minnie's Elsie of Englewood 88236	G	234	Sept	767.2	5.81	44.57	6877.4	359.43

QUEEN'S YEOMAN 71627
Sire—Sister Sue's Yeoman 11820 Dam—Queen of Bergere 56500
Breeder—A. C. Diedrich, Rush Lake, Wisconsin
Recently sold by breeder to William Larsen Canning Company, Green Bay, Wisconsin

AFTERGLOW OF ROUGHWOOD 84605 A. R. 10106
Record—12982.9 lbs. of milk; 656.24 lbs. of butter fat, class G
Sire—Demonstrator of Roughwood 23133 Dam—Dawn of Roughwood 48220
Breeder and Owner—Ernest B. Dane, Chestnut Hill, Massachusetts

MERRILL, S. M., ARGILLA FARM, IPSWICH, MASS.

Cynthia of the Maples 52434	A	269	Sept	845.6	4.92	41.60	9027.7	437.43
Daylight of Cole's Island 77816	C	92	Sept	773.6	4.99	38.60	2592.7	131.58
Giloola of Manomet 65419	A	8	Aug	255.5	4.46	11.40		
		38	Sept	1006.9	4.46	44.91	1262.4	56.31

s. Golden Dream of Imp. Bon Espoir XII. 25183
d. Giloola 16403 A. R. 479

MICHIGAN AGRICULTURAL COLLEGE, EAST LANSING, MICH.

Bijou's Carrie 72985	C	229	Sept	584.1	5.80	33.88	6862.4	357.29
College Carrie 123177	G	37	Sept	895.8	4.76	42.64	1078.0	51.08
Dauphin's Carrie 91568	G	161	Aug	839.8	5.87	49.30		
		191	Sept	610.9	5.75	35.13	5445.1	287.41
Dauphin's Hopeful 91567	G	170	Aug	736.7	5.62	41.40		
		200	Sept	662.7	5.91	39.17	5176.7	267.66

MIHALAK, ANDREW, MOQUAH, WIS. 1 day test.

Starlight of Moquah 92592	G	182	Sept	824.0	5.10	42.02	5772.2	251.40

MIHALAK, JOHN, MOQUAH, WIS. 1 day test.

Della of Sunny Meadow 101716	G	54	Sept	540.1	4.40	23.76	969.1	43.37
Rosseta of Sunny Meadow 89515	G	252	Sept	446.7	6.13	27.38	4807.3	236.83

MILLER, I. BEN., CAPE GIRARDEAU, MO.

Imp. Iris of Sarnia 82320	E	184	Aug	570.8	4.12	23.52		
		214	Sept	927.1	4.12	38.20	3353.6	166.58
Imp. Kitty II., of Fairmont 100116	E	16	Aug	495.2	5.35	26.49		
		46	Sept	906.4	5.35	48.49	1401.6	74.98

s. Gay Boy VI. of Myrtle Place R. G. A. S. 3518 P. S.
d. Kitty of Fairmount R. G. A. S. 16764 P. S. Kitty of Quesnard R. A. A. S. 1209 P. S.

Imp. Lady de Carteret III. of the Spurs 100136	G	184	Aug	501.1	5.08	25.46		
		214	Sept	439.8	5.36	23.57	4144.2	202.09
Imp. Nelly of La Villiaze 100124	F	214	Sept	585.4	5.25	30.73	4217.9	212.17
Imp. Sweet Pea Fern II. 100123	F	184	Aug	599.9	4.39	26.34		
		214	Sept	543.3	4.74	25.75	4387.6	188.75

MILLER, MINNIE W., WENDELL, IDAHO.

Imp. Fascination II. of Caches Farm 115499	A	6	Aug	216.1	4.51	9.75		
		36	Sept	1132.0	4.51	51.05	1348.1	60.80

s. Governor of the Chene R. G. A. S. 1297 P. S. A. R.
d. Fascination des Caches R. G. A. S. 4132 F. S.

MINNESOTA, UNIVERSITY OF, MORRIS, MINN.

Imp. Flora of la Ville 51981	A	263	Sept	566.5	5.74	32.52	7394.5	352.75

MIXTER, EST. GEORGE, MIXTER FARM, HARDWICK, MASS.

Mixter Almond Eyes 87590	E	155	Sept	1081.6	5.35	57.87	6287.6	301.91
Mixter Blossom 87597	E	145	Sept	934.1	5.16	48.20	4816.9	225.01
Mixter Clio 101638	F	75	Sept	1019.8	5.08	51.81	2522.8	124.26
Mixter Comet 62956	A	222	Sept	867.5	5.98	51.88	7283.3	385.72
Mixter Demonstrator's Squaw 73221	C	150	Sept	1020.2	5.51	56.21	6033.6	292.56
Mixter Elaine 101643	G	107	Sept	760.8	4.93	37.51	2914.0	125.21
Mixter Fairy 54263	A	361	Sept	814.9	6.02	49.06	11963.8	569.02
Mixter Faithful 101637	G	122	Sept	1045.4	5.45	56.97	4632.5	231.01

must be out of a registered cow; fourth, his dam must have a record of at least 500 pounds of butter fat.

—Russel E. Frost
Dane County

Fern Dell Dairy Farms

The Fern Dell Dairy Farms, a new dairy establishment at Green Bay, Wisconsin, is owned by The Larson Company, pea canners, and when completed will consist of 300 cows, both grades and pure breds. They already have three of the finest equipped dairy barns in Wisconsin and five or six silos and 200 cows.

The farm consists of 2200 acres, 200 of which are in orchards and 200 in alfalfa. The alfalfa hay was cut four times last season. Beets are also raised.

The aim of Austin Larson, the president, is to supply Green Bay with certified milk and much progress has already been made in this direction. The dairy is conveniently located with reference to all the barns and the State Trunk Highway.

Wm. H. Phillips, an expert butter and cheese maker, is the manager of the dairy. He is also efficient as a cottage cheese maker and realizes $3.25 per hundred pounds on skim milk sold as cottage cheese. The assistant manager is Mr. Sanders.

In August fifty-seven head were selected for the herd in Winnebago County. Eighteen of the cattle were pure bred Guernseys purchased from John Thrall, among them being several cows bred to May King's Fair

Gift 93965, a son of May King's Vrangue of Ingleside 15430. For one of their herd sires they selected August Dietrich's young sire, Queen's Yeoman 71267, a son of Sister Sue's Yeoman 11820, son of Imp. Yeoman 8618, and out of Queen of Bergere 56500, a daughter of Imp. Princess Bergere 33074. Imp. Princess Bergere 33074 is the famous National Dairy Show champion and her daughter Queen of Bergere 56500 and son Cherub's Prince 41543 won first as produce of dam at the 1920 National Dairy Show.

At the Winnebago County Fair, Queen's Yeoman 71267 was awarded the junior championship and he gave Admiration of Edgemoor 42513 close competition for the grand championship award. His dam Queen of Bergere 56500 is a cow of good size.

The transaction represented the highest price ever paid for a Guernsey heifer calf in Winnebago County and probably the highest price for a heifer calf of any breed, The price was $1000.

—J. F. Bloom
Winnebago County

William Zielke Owns Full Brother to Grand Champion

William Zielke, Oshkosh, Wisconsin, has submitted a photograph of his bull Cherub's Royalist of Shorewood 70062. This bull is a full brother to Cherub's Pearl Royal of Shorewood 58824, the grand champion at the last National Dairy Show, being sired by Ladysmith's Cherub 30760 and out of Pearl of Pomeroy 40325.

The photograph submitted is amateur work and indicates that the Zielke bull is a splendid individual but the reproduction of it would hardly do him credit. Cherub's Royalist of Shorewood 70062 is one year and eight days younger than Cherub's Pearl Royal of Shorewood 58824.

Chequamegon Guernsey Association Meeting

J. E. Stallard, Fieldman for The American Guernsey Cattle Club, met with the Chequamegon Guernsey Association at Ashland on November 16, 1921. Mr. Stallard had two reels of pictures of Guernseys which were very instructive to the men just starting in with pure breds. The men were able to see both the show winners and the butter fat producers. Mr. Stallard also went over the breeding of the animals of the association and encouraged the men to follow the breeding they have

Mixter Frieda 65851	A	313	Sept	1026.7	5.35	54.93	12844.9	618.87
Mixter Juanita 79725	E	352	Sept	926.4	5.99	55.49	10503.8	609.54
Mixter Melody 65858	A	270	Sept	972.9	5.06	49.23	8627.5	410.75
Mixter Palmleaf 66065	A	26	Sept	746.4	5.08	37.92		
s. Langwater Demonstrator 16451 A. R.								
d. Thirty Thousand Six Hundred Ten 30610 A. R. 4973								
Mixter Rose 87580	E	219	Sept	854.7	5.71	48.80	6832.4	350.09
Yeoman's Mixter Anne 58064	A	13	Aug	436.7	4.45	19.43		
		43	Sept	1251.9	4.45	55.71	1688.6	75.14
s. Yeoman's King of the May 17053 A. R.								
d. Thirty Thousand Six Hundred Seventy Six 30676 A. R. 3217								
Yeoman's Mixter Belle 62946	A	130	Sept	906.5	5.65	51.22	4396.4	211.36
Yeoman's Mixter Bettie 62939	A	169	Sept	822.8	4.78	39.33	5251.6	233.84
Yeoman's Mixter Dancer 101636	F	74	Sept	997.8	5.25	52.38	2506.6	122.24
Yeoman's Mixter Dawn 87599	F	365	Sept	533.5	5.74	30.62	10856.5	599.44
Yeoman's Mixter Diana 87581	D	85	Sept	956.3	5.55	53.07	2869.8	143.58
Yeoman's Mixter Fawn 65883	B	353	Sept	557.7	7.05	39.32	8712.9	533.37
Yeoman's Mixter Glen 87577	E	363	Sept	790.7	5.30	41.91	11354.8	558.14
Yeoman's Mixter Harmony 101623	G	248	Sept	814.4	5.73	46.67	7180.3	368.34
Yeoman's Mixter Kewpie 101615	G	289	Sept	897.5	4.70	42.18	8611.4	389.96
Yeoman's Mixter Moonbeam 58069	A	186	Sept	989.4	5.35	52.93	6823.5	356.71
Yeoman's Mixter Prophetess 101642	G	125	Sept	915.1	4.06	37.15	4622.6	180.87
Yeoman's Mixter Rainbow 73217	C	191	Sept	967.9	5.47	52.94	6924.8	346.48
Yeoman's Mixter Ruby 87607	G	365	Sept	229.5	5.71	13.10	9687.2	515.20
Yeoman's Mixter Star 87587	F	365	Sept	205.8	5.86	12.06	9667.5	570.13
Yeoman's Mixter Sunset 73204	A	21	Aug	686.2	5.28	36.23		
		51	Sept	1046.4	5.28	55.25	1732.6	91.48
s. Yeoman's King of the May 17053 A. R.								
d. Mixter Star 62959 A. R. 5601								
Yeoman's Mixter Susie 73214	C	225	Sept	862.2	5.81	50.09	7375.8	387.78
Yeoman's Mixter Tilly 101618	G	229	Sept	914.9	4.61	42.18	7401.8	329.91
Yeoman's Mixter Trilby 62950	A	307	Sept	765.9	5.28	40.44	9341.6	475.61
MOODY, MARK H., WINNISQUAM FARMS, WATERBURY, VT. 1 day test.								
Inez of Beuna Vista Hill Farm 69702	A	365	Sept	499.4	5.87	29.31	11693.9	600.67
Mollie Hope's Lesbia Pet of Winnisquam 55618	A	171	Sept	1064.7	4.91	52.28	7266.1	338.22
Nora of Seven Elms Farm 75583	D	354	Sept	781.6	6.09	47.60		
		365	Oct	240.3	7.42	17.83	11413.7	618.76
Winnisquam Beauty 85222	F	204	Sept	937.4	3.96	37.12	7414.3	276.74
Winnisquam Flossie 90427	G	204	Sept	957.4	4.82	46.15	7029.3	311.47
Winnisquam Nina 85218	E	195	Sept	930.5	3.95	36.75	6436.8	233.57
Winnisquam Questa 92994	G	238	Sept	997.7	4.41	44.00	7861.7	341.20
MOORE, E. A., MOORLAND FARM, KENSINGTON, CONN.								
Fannie of Lakeview's Secret 86025	F	300	Sept	1142.8	4.50	51.43	10710.2	483.46
Miriam of Lakeview 81907	D	101	Sept	1141.1	4.43	50.55	3873.5	170.68
Moorland's Pearletta 11797	G	152	Sept	920.1	4.49	41.31	5139.2	219.91
Omega of Lakeview 3d 72256	B	57	Sept	1232.0	4.13	50.88	2315.3	96.27
NETTLETON, WILLIAM, LEWISTON, MINN. 1 day test.								
Glenella of Mapledale 58387	A	240	Sept	909.0	4.19	38.09	8935.1	377.48
NEWLIN, GEORGE M., HUTCHINSON, KANS.								
Cynthia Cherub of Iowanola 89178	G	241	Sept	751.9	4.23	31.81	7927.0	320.16
Imp. Hayes Golden Cherry 15th 67893	B	241	Sept	406.5	5.48	22.28	6170.3	260.33
Kansas princess 2d 119064	A	197	Sept	1109.1	3.98	44.14	9119.2	361.70
Katy Yeksa 2d 64918	A	191	Sept	1086.7	4.27	46.40	8269.1	361.67
NICHOLS, J. E. EST., ELM GROVE, W. VA.								
Border's Rose of High View 91666	F	61	Sept	914.1	4.85	44.33	1974.5	92.05
Frances of High View 52803	A	54	Sept	1115.0	3.75	41.81	1989.0	76.68
Gladys of High View 75140	D	258	Sept	688.6	4.35	29.95	8257.6	388.03
Lenore of High View 80683	E	242	Sept	943.3	4.09	38.58	9605.7	415.22
Martha of High View 39621	A	242	Sept	811.2	5.31	43.07	9080.6	442.23
Princess of High View 66396	A	61	Sept	754.2	4.38	33.03	1664.8	72.09
NIMTZ, WILL, EAU CLAIRE, MICH.								
Carolina Pickaninny 86086	G	304	Sept	540.9	5.30	28.67	6213.6	301.11
NORTHLAND COLLEGE, ASHLAND, WIS. 1 day test.								
Althea of Northland 92097	G	147	Sept	536.9	5.18	27.81	3108.9	144.82
Comforts Pride 57733	A	85	Sept	582.6	4.67	27.21	1875.1	81.45
Imp. Flower of Tamworth IV. 55355	A	209	Sept	507.9	4.75	24.13	5247.6	199.92
NOSKER, CARL R., HUNTINGTON, IND.								
May Marie Cherub of Mara Alva 105300	G	153	Sept	1049.6	4.41	46.29	5463.4	246.06
NOSKER, RAY D., HUNTINGTON, IND.								
Cyclop's Jewell of Crane Farm 89413	G	365	June	38.8	4.99	1.94	7521.8	345.95
OGLEBAY, E. W., WADDINGTON FARM, WHEELING, W. VA.								
Marshall's Violet of Waddington 85392	G	273	Sept	724.6	4.77	34.56	8098.9	376.27
Pollyanna of Waddington 85393	G	342	Sept	658.6	4.65	30.62	10785.6	481.55

Raider's Beta Lily of Waddington 59903	A	346	Sept	778.7	5.62	43.76	11300.6	600.74
Raider's Gronette of Waddington 76062	D	139	Sept	1110.7	4.43	49.20	5493.2	262.73
Raider's Imperiale of Waddington 70836	C	262	Sept	715.0	5.65	40.40	7148.7	395.46
Raider's Jip of Waddington 70834	C	243	Aug	842.2	5.44	45.82		
		273	Sept	762.9	5.19	39.59	8843.9	443.35
Raider's May Star of Waddington 57243	A	273	Sept	1200.8	5.00	60.04	12575.8	633.52
Raider's May Wort 48110	A	30	Sept	1199.5	4.03	48.34		
s. Imp. Border Raider 22243								
d. Imp. May Wort 4th 32398 A. R. 2218								
Raider's Victory Maid of Waddington 89207	G	273	Sept	672.8	5.31	35.73	7076.4	366.13
Raider's Violet of Waddington 74001	D	295	Sept	829.6	5.26	43.64	9667.9	517.23
Waddington Itchen Verbena 61702	B	365	Sept	648.7	5.61	36.39	12825.2	615.48
OLESON, A. O., YEKSAHURST GUERNSEY FARM, LIVINGSTON, WIS. 1 day test.								
Lily of Yeksahurst 58294	A	176	Sept	748.0	5.21	38.97	5989.4	292.80
Marquette's Kanin 44923	A	346	Sept	556.9	4.61	25.67	11105.2	539.56
Yeksahurst Dairy Maid 85692	E	140	Sept	676.4	4.71	31.86	3858.4	192.05
Yeksahurst Fern 85694	F	257	Sept	706.1	5.31	37.49	8380.2	402.50
Yeksahurst Mable 85693	E	120	Sept	655.5	4.57	29.96	3334.0	146.50
Yeksahurst Rochina 86555	F	144	Sept	511.3	5.40	27.61	3898.1	204.79
OLSON & KRANS, DASSEL, MINN. 1 day test.								
Alvira of Oakley 81975	F	346	Sept	583.3	5.82	33.95	8373.5	427.04
Daisy of Oakley 75601	A	129	Sept	839.2	5.26	44.14	4003.7	205.19
Ganymede's Young Jess 36887	A	14	Aug	618.4	4.23	26.16		
		44	Sept	1242.8	4.23	52.57	1861.2	78.73
s. Ganymede 14445								
d. Seth's Jessie 29193								
Guilberta of Cuyuna 44404	A	365	Sept	737.9	5.55	40.95	11288.0	583.13
Irene's Duchess of Maple Hill 49612	A	365	Sept	796.1	4.84	38.53	8969.8	419.63
Lily of Oak Hill Farm 44611	A	277	Sept	990.1	5.90	58.42	10733.9	572.54
Winnie of the Sioux 64489	A	322	Sept	799.0	5.35	42.75	11080.4	561.30
OPATICK, THOMAS, MOQUAH, WIS. 1 day test.								
Ina Masher of Riverside 51456	A	239	Sept	917.4	5.69	52.20	9709.8	471.40
OSBORNE, M. LOUISA, CANTON, N. C.								
Aimable Fascination of Eldon 112141	E	23	Sept	906.0	3.53	31.98		
s. Aimable of the Isle 4th 32920								
d. Imp. Justinee's Fascination 34260								
OTTO, F. A., MILLCOALEE FARM, PRAIRIE DU CHIEN, WIS.								
Elsie of Beirnetown 92361	G	111	Sept	593.6	4.34	25.76	2422.8	101.45
OWENS, A. J., CANON, GA.								
Etta's Pearl May of Mara Alva 92265	G	184	Aug	790.7	5.81	45.95		
		214	Sept	585.9	5.18	30.35	5500.5	307.15
Flodell Katydid 87703	G	239	July	534.8	4.88	26.10		
		270	Aug	500.0	5.14	25.70		
		300	Sept	381.9	5.08	19.40	5727.1	268.62
Rosemary of Village View Farm 92237	G	184	Aug	780.2	4.56	35.58		
		214	Sept	611.4	4.29	26.23	5582.3	234.54
OWENS, W. G., CANON, GA.								
Ida's Sequel Pride 101771	F	260	Aug	658.5	5.14	33.85		
		290	Sept	698.4	4.52	31.57	6878.6	301.06
PACE, W. M., EXCELSIOR FARM, MONDOVI, WIS.								
Bloom Boy's Princess 54939	A	282	Sept	960.6	3.96	38.04	9637.5	371.30
Blossom of Excelsior Farm 79605	E	285	Sept	633.6	4.59	29.08	7091.1	308.36
Countess of Helenwood 98471	G	193	Sept	676.1	4.31	29.14	4852.6	190.15
Golden Gleam 29783	A	273	July	972.2	4.05	39.37		
		304	Aug	982.9	3.67	36.07		
		334	Sept	890.4	4.24	37.75	10232.5	407.64
Jason's Queen of Excelsior Farm 117166	C	153	Sept	888.4	4.54	40.33	4668.5	208.42
Monarch's Glory 87705	A	223	Sept	682.1	5.34	36.42	5494.5	257.30
Queen's Badger Girl 2d 66439	A	365	Sept	392.9	5.40	21.22	10121.9	489.18
Queen's Buttercup 60951	A	344	Sept	879.8	4.65	40.91	10595.0	507.72
PARSONS, N. E., PLAINFIELD, IND. 1 day test.								
Beatrice Bessie of Mara Alva 101122	G	365	Sept	211.7	6.30	13.34	7260.4	398.64
Butterfly of Maple Ridge Farm 88096	G	334	Sept	154.3	6.57	10.14	6218.4	298.82
Clairmont's Daisy of Valley View 82839	F	287	Sept	392.4	5.65	22.17	5919.6	262.37
Daisy of Orchard Springs 95711	G	170	Sept	551.9	5.60	30.91	3921.1	190.19
Fanny Dombey 57774	A	365	Sept	292.4	4.87	14.24	8618.4	401.14
Glen Auric's Laura 2d 98440	G	294	Sept	424.4	4.90	20.80	6055.2	270.63
Jessa's Mable of Mara Alva 102235	G	242	Sept	520.2	5.01	26.06	6002.8	271.85
Pet's Pride of Plain View 88442	F	178	Sept	528.1	5.36	28.31	4137.8	188.06
Squire's Beauty of Valevue 87914	G	339	Sept	251.7	8.43	21.22	4985.9	286.48

started. Judging from the records made up to date, and with Gloriana's King Masher 27645 and Chilmark's All Masher 65799 for herd sires, the prospects are very encouraging. At present the Ashland territory is second in the state in number of farmers doing official testing, and 70 per cent. of the testing is by Guernsey breeders. A meeting is being called for the middle of December to take up the question of what to feed and how to feed for winter milk production.

—M. H. Wright
County Agent

Mr. Pfrang's Sire Wins at Two Fairs

E. W. Pfrang, Edgar, Wisconsin, advises that his bull King's Master of Fox Valley 59766 won first prize in the class of two year old bulls at the Marathon County Fair and Wood County Fair. At the latter fair the bull was also made senior and grand champion.

Northwest News Notes

G. N. Angell

Sixteen herds or about 17 per cent. of the total of ninety-three herds in the State of Oregon which are on the federal accredited list as free from tuberculosis, are Guernsey herds, according to a tabulation recently issued from the office of State Veterinarian W. H. Lytle at Salem. They comprise 225 head of pure breds and 147 grades, and the total will be considerably increased at the next test, as there are a number of herds which have passed all but the final inspection. Clackamas County, which has fifteen accredited herds, the largest number of any county in the state, has also the largest number of accredited Guernsey herds, there being six totaling eighty-six head, all of which have been certified since January 1, 1921. They include those of J. A. and J. T. Richey, Boring, with twenty-three head; O. M. Richey, Boring, with nine head; Sam Elmer, Mulino, with sixteen head; Clyde Ringo, Mulino, with eleven head; A. I. and J. Hughes, Oregon City, with seventeen head; F. S. Hutchins, Oregon City, with ten head. Washington County has the next largest number of accredited Guernsey herds, four of them totaling fifty-two head, owned as follows: Charles F. Wagner, Sherwood, eight head; Frank H. Stangel, Sherwood, eleven head; W. A. Goodin, Cornelius, twenty-one head; H. F. Beckman, Sherwood,

twelve head. All of these, excep Wagner's herd have been accreditedt since last fall. In Marion County two out of nine accredited herds are Guernseys, owned by J. G. Kuenzi of Silverton, with twenty head; and Whalley and Voget of Hubbard, with thirty-one head. Two out of five in Clatsop County are Guernseys, and the total number of animals is largest of any of the counties. K. F. Johnson and W. O. Reith, both of Astoria, have herds numbering seventy-three and fifty-five head, respectively, which were accredited December 21, 1921. Josephine County has but one accredited herd, that of thirty-five Guernseys owned by the Leonard Estate Company, of Grants Pass; and of three accredited herds, in Polk County, one is the herd of twenty Guernseys owned by C. L. Hawley of McCoy, State Dairy and Food Commissioner. The latter was the first Guernsey herd and the second herd of any breed to get on the accredited list in Oregon, it having been certified July 27, 1920. Jerseys far outnumber any other breed in total number of herds accredited, and Holsteins are second, though they have but a few more than the Guernseys. Oregon has perhaps the smallest appropriation for live stock sanitary work of any state in the Union, yet it ranks seventh in the number of animals under co-operative supervision there being 5295 herds numbering 56,444 cattle. It has accredited ninety-three herds totaling 2378 head; and it has a waiting list of 750 herds totaling 8500 head. Washington has more than twice as much money to work with, and California has perhaps ten times as much. States like Vermont and New Hampshire, with only a fraction of the area of Oregon, appropriate $200,000 annually, and Oregon appropriates 50,000 biennially, yet it is the second highest state in the Union for total once-tested free cattle, the number being 49,896, and the herds numbering 4717. Oregon ranks twenty-fifth in number of accredited herds, but she has been doing what is known as segregated area work, and for that reason the number does not mount so fast as in some of the states having a considerably larger total of animals, for the accredited herd requires a certain percentage of pure breds. Dr. Lytle commends the dairymen of the state for the full co-operation they have extended in the work. Indeed, demand for certification is so great that the state authorities cannot keep pace with it.

PEIK, CARL J., CHILTON, WIS.	**1 day test.**							
Annie Glenwood 41994	A	273	Sept	446.2	5.01	22.35	6755.7	340.37
Fair Oaks Beth 81845	E	265	Sept	284.6	6.65	18.93	5932.8	318.96
Fair Oaks Betty 81844	E	291	Sept	312.4	6.85	21.40	6170.0	298.25
Silverfoot's Daisy 64345	A	252	Sept	672.0	4.92	33.06	7918.5	387.21
Toolo's Becky 30133	A	227	Sept	552.7	5.30	29.29	6680.5	348.13
PETERSON, J. E. & MILLER, G. R., WEYAUWEGA, WIS.								
Daisy of the Valley Fountain Farm 63665	A	76	Sept	787.2	5.06	39.83	2446.3	106.20
Eva Rilma of Stony Creek Farm 75661	D	156	Aug	1060.5	4.14	43.90		
		186	Sept	839.7	4.94	41.48	6456.1	280.24
Normande's Dimple 90298	F	204	Sept	722.1	4.81	34.73	6862.4	303.16
Rose of Normande 78286	D	165	Sept	801.9	5.29	42.42	5480.7	263.50
PHILLIPS, JOSEPH I., DELMAR, DEL.								
Bonnie Belle's Chimes 86305	F	49	Aug	922.0	4.13	38.08		
		79	Sept	828.3	4.17	34.54	2274.6	94.59
Reaper's Anne of Oak Hill 98014	G	77	Aug	559.7	3.97	22.22		
		107	Sept	616.8	4.27	26.34	2200.5	88.70
Tina Girl of Oak Hill 100685	G	31	Aug	598.7	4.05	24.25		
		61	Sept	570.6	4.72	26.93	1169.3	51.18
s. Florham Butter Boy 34376								
d. Tinette of Oak Hill 78330								
PICKARD, E. G., BRAEVIEW FARMS, CLEVELAND, OHIO.	**1 day test.**							
Gladys of Braeview 58450	A	21	Sept	743.0	4.50	33.44		
s. Gladys' Sequel of Maplecrest 27102								
d. Imp. Beauty of Hauteville 36465								
Jewel's Governess of Braeview 95469	G	30	Sept	479.0	3.91	18.73		
s. Jewel's Lord Mar 40000								
d. Imp. Beauty of Hauteville 36465								
Lady Mar of Braeview 88341	G	174	Sept	515.7	4.80	24.75	3253.2	141.79
Worthy Queen of Braeview 78237	F	365	Sept	98.0	5.20	5.10	7995.3	381.75
PITTS, P. M., SUMTER, S. C.								
Tiny Baby of Shady Side 90172	F	61	Sept	843.8	5.43	45.82	1696.3	79.58
PORTER, AUGUSTA H., PORTER FARMS, PHOENIXVILLE, PA.								
Cato of Malvern's Butter Cup 93244	G	164	Sept	664.4	4.74	31.49	4530.2	210.08
Fancy of Fair View Farm 67472	B	304	Sept	937.2	5.15	48.27	10444.3	501.19
Pride of Malvern 93242	G	194	Sept	830.8	4.52	37.55	6194.6	278.97
Queen Alice of Fair View Farm 2d 47367	A	304	Sept	768.3	5.36	41.18	8881.6	426.46
Queen Alice of Fair View Farm 3d 53505	A	285	Sept	857.8	5.16	44.26	9043.0	461.93
Sunderland's Beauty 70999	C	255	Sept	764.1	5.54	42.33	7230.4	386.96
Sunderland's Cora 70483	B	140	Sept	1027.5	4.48	46.03	5364.0	219.15
POST, OTTO W., OWASCO LAKE STOCK FARM, ENSENORE, N. Y.							**1 day test.**	
General Bay's Lizette 78092	C	89	Sept	827.8	5.20	43.05	2720.2	126.69
General's Redina 79144	E	233	Sept	528.5	5.90	31.18	5434.1	266.12
General's Winona Bay 79148	E	183	Sept	720.2	5.45	39.25	5304.3	238.37
Lady Winona Bay 84364	G	223	Sept	592.8	5.90	34.98	6260.8	308.65
Lolita of Fairview 2d 84386	E	219	Sept	462.4	6.51	30.10	4768.1	242.65
Victor's Poppy Girl 79145	E	223	Sept	647.3	5.45	35.28	5888.5	278.63
POTTER, EST. ARTHUR D., SHELDEGREN FARM, GREENFIELD, MASS.								
Bernice Darling Zayma 34622	A	354	Sept	613.2	5.24	32.13	15102.7	694.97
Bess of Athol 72387	C	92	Sept	1239.7	4.40	54.55	4349.2	183.29
Countess Rosalyn of Valleyedge 72549	C	304	Sept	398.2	5.41	21.54	10319.3	487.53
Demonstrator's Highland Princess 76016	B	261	Sept	741.4	5.93	43.97	9318.1	529.56
Doxy S. 54799	A	204	Sept	896.3	5.45	48.85	7582.6	404.50
Follyland Juvenal's Hope 86292	G	242	Sept	915.1	5.56	50.88	7901.2	423.53
Glenora's Martha of Springside 97526	E	211	Sept	925.0	5.18	47.92	8434.5	399.71
Mohawk Buttercup 94156	E	352	Sept	826.4	5.13	42.39	9970.2	479.99
Mohawk's Lady 89674	F	81	Sept	765.4	4.39	33.60	2115.2	91.75
POWELL, W. A., MERIDIAN, IDAHO.								
Sarah's Sunbeam 80384	D	148	Sept	923.8	5.24	48.41	5692.8	273.66
PURDUE UNIVERSITY, LA FAYETTE, IND.								
Imp. Betty's Prize 94246	D	345	Sept	348.0	5.56	19.35	7430.0	379.19
Imp. Jeanette of Seigneurie 94269	B	86	Sept	870.7	5.02	43.71	2756.3	127.13
Imp. Rosetta III. of Annevilles 94254	B	254	Sept	606.9	4.94	29.98	6827.4	309.27
RANSOM, W. G., RANSOM FARM, HOMEWOOD, KANS.								
Beva Ford of Maple Farm 86947	D	92	Sept	1022.8	3.84	39.28	3372.1	127.51
Claire of Middlebrook 81470	E	167	Sept	843.8	4.34	36.62	5625.6	247.85
Imp. England's Olivette 65707	A	139	Sept	966.6	4.12	39.82	5426.2	213.31
Fareda of Maple Farm 86946	D	122	Sept	955.0	4.08	38.96	4510.8	188.89
Flutiebel of Heweshurst 91650	D	365	Aug	39.7	6.96	2.76		
				212.5	5.79	12.30	8493.0	507.42

Mollie's Hope 55502	A	22	Aug	909.1	5.12	46.55		
		52	Sept	1261.1	5.12	65.57	2170.2	111.12
s. Hermes of Midvale 30655 A. R.								
d. Mollie of Ransomville 47402								
Queen Bessie of Heweshurst 64471	A	180	Sept	496.7	5.49	27.27	4161.3	226.49
Wilda of Heweshurst 91651	C	61	Sept	1199.7	4.07	48.83	2455.7	94.42
RASMUSSEN, H. C., BROOKLYN, WIS.								
Deriline of Orchard Grove 71900	B	31	Aug	942.4	4.30	41.52		
		61	Sept	855.5	4.15	35.50	1797.9	77.02
s. Novenda's Starlight 28478								
d. Ella of Orchard Grove 51638								
Emma of Orchard Grove 51637	A	153	Sept	878.1	6.30	52.95	5216.6	255.77
Florence of Orchard Grove 66144	A	153	Sept	1024.7	4.50	46.11	5531.2	217.48
Lula of Orchard Grove 66145	B	153	Sept	690.3	5.19	35.83	4008.0	189.69
Phyllis of Orchard Grove 94967	G	92	Sept	430.4	4.72	20.31	2079.3	87.21
Ravenna 31538	A	153	Sept	686.8	5.26	36.13	4504.5	198.33
Sara of Orchard Grove 77808	D	153	Sept	774.0	5.29	40.94	4641.9	216.57
Sylvia of Orchard Grove 84899	E	153	Sept	700.6	5.34	37.41	4140.7	194.33
RAWLINGS, WM., FERN CREST DAIRY, SANDERSVILLE, GA. 1 day test.								
Constance of Fern Crest 73790	A	210	Aug	485.8	5.26	25.55		
		240	Sept	450.2	4.69	21.11	6139.7	293.42
Florence Nightingale of Fern Crest 90635	G	280	Aug	337.5	5.72	19.31		
		310	Sept	176.1	6.59	11.60	6187.1	328.99
Florham Favorite's Queen 108411	E	87	Aug	899.2	4.78	42.98		
		117	Sept	724.2	6.28	45.48	3675.5	181.58
Florham Waltz 95185	G	134	Aug	620.3	5.20	32.26		
		164	Sept	494.8	5.95	29.44	3550.6	180.76
Itchen Ranter's Constance 110118	G	30	Sept	863.5	4.24	36.61		
s. Imp. Itchen Ranter 25713								
d. Constance of Fern Crest 73790								
Millwood May 83810	G	331	Aug	579.2	5.24	30.35		
		361	Sept	515.8	5.53	28.52	8292.7	410.60
Pauline Ranter 108420	G	31	Aug	850.4	4.30	36.57		
		61	Sept	806.3	4.37	35.24	1656.7	71.81
s. Imp. Itchen Ranter 25713								
d. Pauline Charmonte 62428								
Rosella of Green Acre 96349	G	117	Aug	625.7	4.70	29.41		
		147	Sept	610.3	4.99	30.45	3221.6	150.35
RAY, G. W., ALBION, MICH. 1 day test.								
Elm Row Queen Twin 106306	G	242	Sept	266.5	6.56	17.48	4244.3	212.63
Elm Row Rosie Twin 106307	G	242	Sept	551.7	4.67	25.76	6413.8	298.47
Zaida's Pride of Lone Oak Farm 33918	A	310	Sept	648.1	4.45	28.84	10348.4	463.65
REITH, W. O., REITH DAIRY FARM, ASTORIA, OREGON.								
Adaline of Ore Hill 51386	A	161	Sept	775.6	5.40	41.88	6112.1	290.65
Billy's France Lucy of Chicona 89102	G	273	Sept	652.1	7.36	47.99	7611.1	453.02
Elaine of Chicona 56305	A	311	Sept	541.8	5.81	31.48	9247.6	450.25
Josephine of Chicona 88199	G	313	Sept	484.5	6.49	31.44	6151.0	338.54
Lilly's Blossom of Willow Wood 90831	F	103	Sept	1122.7	5.37	60.29	4377.0	205.67
RICE & CHISHOLM, HARMONSBURG, PA. 1 day test.								
Sue of Corwin Hill 96528	G	167	Sept	731.5	4.69	34.31	5222.0	238.85
RICE, J. W., SHADYSIDE STOCK FARM, HARMONSBURG, PA. 1 day test.								
Allene of Mill Run 90982	G	162	Sept	778.5	4.83	37.60	5005.8	218.67
May King's Laddie's Janette 94478	G	222	Sept	787.4	4.39	34.57	6838.8	287.31
Village Farm's Delight 92693	G	273	Sept	886.1	4.89	43.33	8205.9	398.97
Village Farm's Surprise 92694	G	207	Sept	874.0	4.89	42.74	7100.0	315.26
RICHEY, J. A. & J. T., CASCADE FARM, BORING, OREGON.								
Auricula's Hilda 41540	A	244	Sept	952.4	4.85	46.19	9429.5	442.83
Cascade Fern 76529	E	334	Sept	410.0	6.15	25.22	8042.5	418.52
Glen's Hilda of Sequoia 62414	A	24	Aug	893.4	5.05	45.12		
		54	Sept	1066.3	4.48	47.77	1959.7	92.89
s. Alma's Glen of Mound City 25018								
d. Auricula's Hilda 41540 A. R. 4423								
Juliette of Sequoia 62415	A	276	Aug	534.3	7.13	38.10		
		306	Sept	457.1	5.93	27.11	8106.8	473.03
Imp. La Fallaize des Landes 50290	A	252	Sept	756.4	5.90	44.63	8427.9	429.62
La Fallaize Emigrant Lass 69428	C	301	Sept	442.7	4.63	20.50	8422.7	387.75
Red Wing Modele's Radiant 54693	A	214	Sept	696.9	4.85	33.80	6377.0	287.38
RICHEY, J. T., CASCADE FARM, BORING, OREGON.								
Imp. Mallett's Brunette 107367	E	105	Sept	836.8	4.89	40.92	3249.1	148.22
RIDER, J. L., CATAWISSA, PA.								
Lassie of Terra Firma 89391	G	220	Sept	700.3	6.15	43.07	6262.1	328.96
Lily of Terra Firma 93380	G	97	Sept	873.4	3.64	31.79	2968.4	116.80
Louise of Terra Firma 67116	B	236	Sept	904.0	3.98	35.98	9081.9	376.16
Lula of Terra Firma 93379	G	134	Sept	807.0	5.09	41.08	3865.1	184.47
Phyllomena of Morningside 42690	A	178	Sept	1063.7	5.65	60.10	7928.7	416.79

The first lot of pure bred Guernseys to be taken into Lewis County, Washington, where Holsteins and Jerseys already have a strong foothold, is that of sixteen cows and heifers from Astoria, Oregon, and three head from Hubbard, Oregon, recently purchased by H. R. Taylor, who has also made arrangements to have several more head shipped to him after the Pacific International Live Stock Exposition at Portland. Mr. Taylor and his brother, C. W. Taylor, a railroad man, have recently bought the farm. H. R. Taylor will live on the farm and manage the breeding business in which both are interested. Others who own grade Guernseys have announced intentions of starting with pure breds a little later on. Andrew Olson, who has rented a farm near Chehalis, and Dr. J. T. Coleman, who owns a farm on the north side of the Newaukum River, are among them, and a prominent farmer of the Chehalis River district is interested, also. Holsteins are now the predominating breed in the county, with Jerseys a good second, and both breeds are represented by county clubs which are as active as any in the state.

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A grade Guernsey herd owned by A. E. Moore of Fall City, Washington, is second highest large herd for butter fat production in the monthly summary of work in the White River Valley Cow Testing Association for September. Nineteen animals in the herd averaged 38.8 pounds of butter fat, taking second place to a Holstein herd of twenty-nine which averaged forty pounds. A herd made up partly of Guernseys and partly of Jerseys takes second place, also, among herds of under fifteen cows milking. It is owned by Albert Hansen of Renton, and the eleven animals in it averaged 38.8 pounds of butter fat, the same as Mr. Moore's herd.

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It cost Fred J. Vetter, Guernsey breeder of Machias, Washington, $25 to get yearly records on his herd of ten cows, but the increased valuation which he attaches to one cow as the result of cow testing association work paid the cost three times over, according to F. W. Kehrli, Dairy Extension Specialist at Washington State College. Mr. Vetter is a member of the Snohomish County Cow Testing Association. Shortly before it started work for the season, he offered to sell the cow in question for $100, but his neighbors agreed with him that she was below the standard of his high

grade herd, and she failed to move. A year's work with her in the association has changed his mind, for she produced 463 pounds of butter fat, returned him $142 above her cost of feed, and proved to be high cow in his herd for returns above cost of feed, and second in total butter fat production for the year. Her owner now holds her at $175 and is not anxious to sell.

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Ten Guernsey herds, a total of twenty-six cows, are among the seventy-four herds, numbering 418 cows, that were officially tested in Washington during October, according to summary of Superintendent R. D. Rucker. Four more herds were tested in October than in September, and the number of cows showed an increase of twenty-eight. The summary for Oregon, shows fifteen Guernsey herds, a total of forty-five cows, among 108 herds number 477 cows on official test in that state during October. A. B. Flint of Beaverton and Octav Voget of Hubbard are among the eight breeders of dairy cattle who started testing for the first time or renewed work during October, and this month shows an increase of three Guernsey herds on test, over the same month in 1920. There are two Guernseys on the Roll of Honor for Oregon, Lady Beauty of Ore Hill 96675, owned by V. H. Harwood of Astoria, and Rex's Daisy of Tillamook 103731, a junior three year old in the herd of Dr. P. J. Sharp of Tillamook.

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Guernseys, Jerseys, and Holsteins were represented in the seventy-five dairy heifers and five bulls purchased by seventeen farmers in Columbia County, Washington. This new interest in dairy cattle was stimulated by the county agent through a county wide campaign. Its source is the need for live stock to consume surplus hay, a need that is prevalent all through eastern Washington and Oregon.

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Three pure bred Guernsey heifers, two of which were bred, and seven Holstein heifer calves were purchased by the eight boys and two girls who are members of the first calf club in Snohomish County, Washington. The animals cost $2000. The club was financed by the First National Bank of Stanwood; and credit for organizing it goes to County Agent W. D. Lover, Cashier A. D. Hall of the

RIDGE, HENRY & SONS, RIDGELAWN FARM, WHITEWATER, WIS.

Pet's Golden Beauty 39364	A	331	Aug	751.5	4.97	37.35		
		361	Sept	695.8	4.91	34.16		
		365	Oct	73.7	4.91	3.62	11806.1	565.48
Queen's Girl 54990	A	365	Sept	172.3	5.32	9.17	10491.1	549.14

ROGERS, WILLIAM H., SREGOR FARMS, OXFORD, N. Y.

Gladys's Betty of Ridgelands 68607	B	6	Aug	195.6	4.90	9.58		
		36	Sept	994.8	4.90	48.75	1190.4	58.33
s. Tarbell Farms Pedro 20981								
d. Gladys of Tarbell Farms 45889								
Glenwood and Ada's Mollie S. 74326	C	127	Sept	616.0	5.49	33.82	3780.0	196.06
King Helpmate's Beauty 90933	G	190	Sept	827.8	5.07	41.97	6300.0	282.16

ROOT, S. N., WOODSIDE STOCK FARMS, LANDISVILLE, PA.

Imp. Beauty Rondibosch of Mara Alva 74110	B	334	Sept	475.8	5.39	25.65	11054.7	472.10
Imp. Bella Marie of Mara Alva 74127	A	134	Sept	870.3	4.86	42.30	4504.1	202.24
Imp. Blue Belle Duchess of Mara Alva 74129	B	268	Sept	467.5	5.64	26.37	8032.4	389.75
Fannie of Lakeview 2d 59236	A	146	Sept	1224.3	4.02	49.22	5936.3	245.04
Imp. Ivy's Dolly of Mara Alva 74149	C	240	Sept	686.4	4.10	28.14	7762.7	330.55
Imp. Longscamp's Beauty of Mara Alva 74137	B	145	Sept	1050.2	3.99	41.90	5452.6	205.97
Woodside Maggie 98323	G	227	Sept	673.9	5.20	35.04	5936.4	282.65
Woodside Surprise 98324	G	109	Sept	750.3	4.46	33.46	2889.1	121.57

ROSSER, THOMAS L., JR., CHARLOTTESVILLE, VA.

Luella's Barbara 91169	G	185	Sept	675.9	5.50	37.17	5810.6	293.66

RUSSELL, GEORGE C., RUSSELLHURST FARMS, WILLOUGHBY, OHIO.

Baby May of Maple Ridge 42137	A	328	Oct	947.7	6.15	58.28	11488.9	605.90
Baby May's Sequella of Russellhurst 65991	A	170	Oct	888.4	4.75	42.20	5353.5	233.08
Mary Magdelen 72840	C	240	Oct	961.8	4.32	41.55	8973.8	366.62
Phyllis's Princess 88380	A	61	Oct	1386.6	4.06	56.30	2685.5	106.31
Primrose of Linda Vista 65177	C	365	Oct	810.8	5.29	42.89	13567.6	606.22
Imp. Rosie of McKerrow Farms 68962	A	216	Oct	878.1	4.60	40.39	6806.7	292.83
Spotted Leaf 89112	C	90	Oct	1067.9	4.16	44.42	3052.8	123.98
Steinhurst Belle 64779	A	189	Oct	1369.8	5.47	74.93	8669.2	420.93
Steinhurst Lady 90465	F	222	Oct	693.1	4.40	30.50	5553.6	236.94

RYAN, THOMAS F., OAK RIDGE FARM, OAK RIDGE, VA.

Aimable's Dora of Oak Ridge 47772	A	268	Sept	739.8	5.73	42.39	8018.4	418.36
Aimable's Fanny of Oak Ridge 56941	A	248	Sept	426.0	5.61	23.90	5175.3	249.77
Columbus's Effie of Oak Ridge 66741	A	55	Sept	765.1	4.43	33.89	1389.8	62.25
Lillie of Alfalfa Farms 31055	A	242	Sept	573.2	4.67	26.77	5621.0	264.16
Maggie of Oak Ridge 45110	A	198	Sept	521.4	5.52	28.78	4582.1	221.99
Oak Ridge Columbus's Effie 88253	F	106	Sept	664.4	5.18	34.42	2371.4	119.33
Oak Ridge Stranford's Emily 76020	E	318	Sept	79.1	6.57	5.20	5196.4	275.09

ST. AMANT, GEORGE W., ATAMANNSIT FARM, EAST FALMOUTH, MASS.

Branford Foremost Faithful 89897	G	266	Sept	531.1	5.56	29.53	6330.8	340.02
Branford Gipsy Queen 89896	G	270	Sept	884.7	4.99	44.15	8675.4	420.38
Branford Nellie 89040	F	304	Sept	736.2	5.95	43.80	9260.5	491.22
Golden Rod of Edgemoor 81458	E	83	Sept	934.9	3.79	35.43	2645.6	105.48
Golden Rod of West View 38934	A	122	Sept	1022.6	5.02	51.33	5082.0	248.75
Hailey Brilliant Keepsake 83082	F	325	July	969.6	5.88	57.01		
		356	Aug	877.0	5.76	50.52		
		365	Sept	233.9	5.62	13.15	11043.7	619.80
Hyacinth of Edgemoor 63573	A	130	Sept	1238.1	4.40	54.48	6472.0	287.55
Janet Gold 39381	A	290	Sept	956.5	4.72	45.15	14225.4	614.90
Langwater Crystal 70297	B	304	Sept	716.5	5.14	36.83	11069.9	539.19
Langwater Fortunate 74564	C	205	Sept	1189.0	4.04	48.04	9821.7	415.03
Langwater Leading Lady 70307	B	304	Sept	689.8	5.53	38.15	10228.2	503.19
Langwater Remembrance 74813	C	242	Sept	1147.9	4.55	52.23	10476.5	454.38
La Noce's May Rose 91329	G	195	Sept	1090.4	4.61	50.27	7567.4	347.13
May Rose Belle of Edgewater 102117	G	264	Sept	799.8	4.70	37.59	7912.0	378.58
Imp. Pearl des Beaucamps 93680	C	321	Sept	946.3	4.41	41.73	13433.3	561.42

SANDERS, WILLIAM H., BEDFORD HILLS, N. Y.

Moonlight of the Glen 60804	A	242	Sept	964.0	6.39	61.60	8572.8	479.50

SAWYER, EDGAR P., OSHKOSH, WIS. 1 day test.

Ada of Waldwic 93101	F	67	Sept	909.3	5.47	49.74	2056.8	100.46
Alice of Waldwic 93098	G	171	Sept	1178.8	3.82	45.03	7151.2	271.34
Arline of Waldwic 93099	G	161	Sept	1021.2	4.38	44.73	5706.4	246.22
Avis of Waldwic 93096	G	191	Sept	929.7	4.64	43.14	6109.0	291.85

SAYLOR, WM. H., SAN FRANCISCO, CAL. 1 day test.:

Early Twilight 24629	A	309	Sept	464.6	5.55	25.79	7096.4	317.06
Saylor's Combination Maud 35181	A	351	Sept	611.9	4.85	29.68	9976.0	454.55
Saylor's Masher Florette 74419	C	171	Sept	741.5	4.86	36.04	5118.2	221.49
Saylor's Tungsten Pink 71130	C	287	Sept	147.7	5.74	8.48	5853.7	272.14

SCHEURING, JOHN P., LINDEN LODGE FARM, GREENWOOD, WIS.

Barnekah of Linden Lodge 82231	D	30 Sept	1060.8	4.37	46.36		
s. Glenwood's Echo 23104							
d. Barnekah 2d 37647							
Jewel's Alice 44486	A	5 Sept	147.1	4.66	6.85		
s. Jewel's Royal Combination of Wawa 15655 A. R.							
d. Imp. Alice of Thorn Hill 32520							

SCHMIT, A. N., APPLETON, WIS.

Beauty of Hillsdale 56176	A	332 Sept	838.4	5.21	43.68	12690.6	603.06
Lucania's Jessie 84830	A	363 Sept	363.2	5.30	19.25	11112.6	552.68
Polly of Hillsdale 56173	A	282 Sept	887.0	5.36	47.54	11337.4	601.71

SCOVILLE, ROBERT & HERBERT, GRASSLAND FARM, TACONIC, CONN.

Grasslands Zoebass 92863	B	161 Sept	797.5	5.68	45.30	5138.8	275.82
Grassland Youbass 99138	D	252 Sept	756.2	5.08	38.41	9338.6	418.45
Jethro's Alice 79150	A	248 Sept	869.6	5.03	43.74	8309.0	390.99
Jethro's Florentine 90454	B	227 Sept	593.8	5.45	32.36	6607.0	330.19
Jethro's Sweet Pet 98640	B	314 Sept	785.9	4.50	35.37	9399.3	415.76
Jethro's Zoetta 112557	F	343 Sept	909.3	4.64	42.19	11695.5	535.00

SERSTED, A. M., FEWACRES FARM, WAUWATOSA, WIS.

Golden's Lady Raymond of Maple Heights 99107	G	122 Sept	857.0	4.47	38.31	3730.1	158.00
Noble Countess of Maple Heights 98934	G	78 Sept	627.1	5.46	34.24	1607.9	80.34

SHELDON, A. L., GRAND RAPIDS, MINN. 1 day test.

Crackerjack's Dot 97461	F	64 Sept	877.0	4.87	42.71	1928.5	85.19
Murne Jewel of A. D. F. 94584	F	160 Sept	692.8	4.96	34.36	4060.3	176.34
Victorios's Clio of A. D. F. 83444	E	140 Sept	740.5	5.24	38.80	3636.8	177.70
Victory Combination of Maplewood 97816	G	219 Sept	463.1	5.07	23.48	4529.1	214.63

SHERWOOD, GEORGE E., SHERWOOD GUERNSEY FARM, KIMBALL, MINN. 1 day test.

Imp. Esther's Bright Eye of Lakeside 75094	E	355 Sept	561.2	4.41	24.75	9534.4	433.40
Hope of Peninsular Farm 91539	C	86 June	1103.3	4.35	52.34		
		117 July	1000.0	4.40	44.00		
		148 Aug	1038.0	4.14	42.97		
		178 Sept	780.7	4.24	33.10	6436.3	268.31

SHOEMAKER, S. M., "BURNSIDE," ECCLESTON, MD.

Anton's Criterion Rose 70670	C	132 Sept	1107.6	4.80	53.16	5177.1	226.44
King's Lavender 83300	E	157 Sept	1071.0	4.72	50.55	5980.8	284.03
Imp. La Belle Alsace 75558	A	98 Sept	1317.1	4.35	57.29	4352.2	177.04
Lady Lavender 55604	A	80 Aug	1486.3	4.48	66.59		
		110 Sept	1306.8	4.50	58.80	5002.1	210.88
Ma Chere Jardiniere 55849	A	159 Sept	1062.4	4.22	44.83	6214.1	253.45
Ma Chere Primrose 66598	A	138 Sept	888.5	4.86	43.18	4763.6	209.40
Merry Milk Maid 91800	G	119 Sept	967.8	4.79	46.36	4045.2	184.34
Pencader's Madge 76587	D	129 Sept	1067.5	4.77	50.92	4899.7	225.06
Rutila's Ultra Rose 67268	B	239 Sept	759.8	6.43	48.86	7469.7	441.25
Ultra Gracieuse 72474	C	84 Aug	1201.9	4.47	53.72		
		114 Sept	1020.8	4.74	48.39	4433.2	185.00

SKAAR, M. S. & C. A., COR-ALFA FARM, HAYWARD, MINN.

Bonny of Cor-Alfa Farm 75434	D	259 Sept	479.5	6.19	29.68	6998.2	394.34
Dairymaid of Cor-Alfa Farm 92161	G	202 Sept	790.2	4.83	38.17	6001.5	295.36
Esther of Cor-Alfa Farm 75432	C	226 Sept	416.2	5.31	22.10	5844.2	279.74
Maisie's Duplicate 56764	A	252 Sept	492.3	5.85	28.80	7066.7	398.85
Maisie's Princess 33921	A	246 Sept	530.1	6.30	33.40	7149.8	333.42
My Lady of Cor-Alfa Farm 92730	G	226 Sept	777.2	5.02	39.02	7428.3	324.40
Princess Marie Josephine 56763	A	232 Sept	543.1	4.66	25.31	7020.8	336.85

SMALLIDGE, E. J., THE SMALLIDGE FARM, EAU CLAIRE, MICH. 1 day test.

Dolora of Smallidge Farm 73604	D	320 Sept	847.3	4.60	38.98	11543.1	521.76
Euta of Eau Claire 50165	A	267 Sept	271.2	7.14	19.36	4618.6	272.63
May King's Ezalia of Eau Claire 59200	A	231 Sept	324.0	6.55	21.22	7434.6	367.66

SMEDLEY, WALTER, MEDIA, PA.

May Rose of Penncrest 114644	G	85 Sept	811.4	4.53	36.76	2319.8	97.97
Imp. Primrose of Blanchelande 47193	A	116 Sept	774.1	4.98	38.55	3188.4	148.21

SMITH, A. MACRAE, FIRCREST FARM, BELLINGHAM, WASH.

Aldermead's Trixie 52714	A	273 Sept	772.6	4.23	32.69	11224.6	460.26
La France of Bralee 90617	D	295 Sept	566.9	6.35	36.00	9438.4	518.88
Lamont's Rose of Maple Hill 85067	F	334 Sept	474.7	7.87	37.36	9005.5	577.57
Yeksa's Vroni 93038	G	365 Sept	510.6	6.32	32.27	8452.2	470.75

SMITH, ARTHUR M., LAKE CITY, MICH.

Alice's Missaukee Kate 88298	F	148 Sept	944.5	5.11	48.26	5392.2	254.24
Alverda of Morningside 50634	A	237 Sept	1134.0	4.50	51.03	9265.6	414.97
Belle's Missaukee Beauty 81333	D	165 Sept	1110.8	4.85	53.87	6330.8	296.36
Bertha's Missaukee Blossom 95287	G	174 Sept	1078.2	4.37	47.12	6535.3	273.81

bank, and Principal A. A. Mykland of the Cedar Home School.

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The Clallam County Cow Testing Association, organized only a few months ago, in September annexed, for the first time, the honors for highest herd average in the state of Washington and it was the Guernsey herd of thirteen grades owned by George Nixon of Dungeness that turned the trick. The average for each grade was 991 pounds of milk and 51.3 pounds of butter fat for the month. Clallam County also tied for second place in average butter fat production of all cows tested, its average being 32.1 pounds. Tester Robinson of this association reports that three pure bred bulls, all of the Guernsey breed, were purchased by members during the months, and two of them replaced grade bulls. C. E. Blake, Max Schmuck and Ben H. Ridgeway were the purchasers. Nixon's herd was high in the association, of course, and one of his cows, a pure bred Guernsey, was high individual with 71.4 pounds of butter fat. The high cow in the Snohomish Valley Association was a grade Guernsey owned by B. A. Barker, which produced seventy-six pounds of butter fat.

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Guernseys make a fine showing in the October reports of the Tillamook County, Oregon, Cow Testing Association, there being eighteen herds of fawn and whites among the eighty-five on the Roll of Honor. One is at the top of the list of high pure breds herds, and one is second in the list of high grade herds. Homer Mason's herd of thirteen, which was converted into a pure bred herd by the sale of his last grades this month, averaged 39.35 pounds of butter fat and topped the list with an eleven pound margin over its nearest rival. Paul Fitzpatrick's herd of twelve made 43.86 pounds each and stood second in the grade list. The Roll of Honor in Tillamook is divided into three classes. In that for cows over five years making 45 pounds of butter fat are four Guernseys. Mr. Edmund's Janis of Sequoia 104315 making 71.41 pounds, a pure bred owned by Mason making 61.35, and grades owned by Fred Wheeler and T. B. Hyder giving 48.71 and 47.45, respectively. In class B, for four year olds giving 40 pounds or more of butter fat, Mr. Edmund's Rogue's Heroine of Hawthorn 71328 led with 54.98 pounds, and three pure breds owned by Mason produced an average of 41 pounds. A pure bred Guern-

sey owned by P. J. Sharp was second in class C, for three year olds making thirty-five pounds and there were nine other Guernseys in the class, out of a total of thirty-three of all breeds. Rex's Daisy of Tillamook 103731 made 70.02 pounds, and Mason had two pure breds which made 40.99 and 36.29, respectively. The others were grades, four owned by Durrer Brothers averaging 33.79, one owned by Philip Buslach making 35.20, and two owned by T. B. Hyder making 31 pounds each.

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The first calf club to be formed in Whatcom County, Washington, is that financed on a three year note by the Ferndale National Bank, of which Percy Hood, well known for his favorable attitude toward the dairy industry, is cashier. It is a Guernsey calf club of five members, organized in the Mountainview community by County Agent H. B. Carroll, Jr., with Jack Plaster as leader and with calves supplied by local breeders at generously moderate prices. Officers of the club have been elected and it is "rarin' to go," the county agent reports.

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Foreign

Canadian Record of Guernsey Cow

Canadian Birch 1737 (Canada) R. of P. 66
Sire—Myra's Prince 1736 (Canada)
Dam—Rose of the Vilette 4th 1114 (Canada)
Owned by Mrs. T. D. Blaikie, Great Village, N. S.
Bred by Roper Brothers, Charlottetown, P. E. I.
Class—2 year old. Age at Commencement of test: 2 years, 166 days.
Date test commenced: September 1, 1920
Date of calving: August 28, 1920
Date of calving following test: November 8, 1921

PRODUCTION BY MONTHS

MONTHS	Lbs of Milk	Lbs. of Fat
January	696.0	36.20
February	637.5	35.06
March	688.5	36.50
April	635.5	32.34
May	691.0	34.55
June	618.5	30.30
July	611.0	30.44
August	556.0	29.46

Fairy's Bertha of Reeder 66803	B	191	Sept	1167.2	4.32	50.42	7992.0	329.57
Fairy's Flossie of Reeder 88211	E	129	Sept	844.8	5.84	49.34	4810.7	251.16
Fantine of Bon Ayre 90762	E	204	Sept	947.9	4.47	42.37	7603.9	309.75
Flora of Fairmonde 66552	B	205	Sept	751.2	6.18	46.42	7093.5	396.23
Norman's Missaukee Red Rose 89724	G	235	Sept	1240.3	5.06	62.76	10719.4	518.14
Pet's Flora of Bon Ayre 86462	E	127	Sept	1275.1	4.03	51.39	5850.0	225.87
Queen's Missaukee Dolly 95288	G	96	Sept	919.2	4.76	43.75	3051.9	134.56
Richland's Queen's Maggie 77729	D	166	Sept	1092.8	4.48	48.96	6752.5	306.54
SMITH, WILLIAM T., MEADOWBROOK FARM, LINCOLN, VA.								
Esther of Koshkonong Place 82366	F	295	Sept	570.3	4.77	27.20	7441.7	330.26
Fannie Hayes of Danby 60348	A	365	Sept	192.5	7.38	14.21	6436.6	370.75
Honey of Koshkonong Place 78485	E	304	Sept	411.6	5.31	21.86	6625.1	309.08
STALLMAN, JOHN F., ELK MOUND, WIS. 1 day test.								
Imp. Cantata of Sarnia 50494	A	61	Sept	808.3	5.28	42.68	1895.9	86.18
Daisy of Elk Meadow 92054	G	256	Sept	453.5	6.27	28.43	5809.8	315.65
Ellen of Elk Meadow 87186	G	296	Sept	250.8	6.95	17.43	5872.8	339.64
STANGEL, F. H., SHERWOOD, OREGON.								
Eugenie D. 64214	A	138	Sept	1152.5	4.35	50.13	6127.8	258.58
Middledale Golden Maid 2d 90368	G	174	Sept	696.3	5.05	35.16	4894.9	243.16
Middledale Jolly Lass 92328	G	242	Sept	520.9	6.20	32.30	5950.2	308.22
STEINER, EMMET, ORRVILLE, OHIO. 1 day test.								
Cora's Queen of Corwin Hill 84538	E	96	Sept	818.7	4.60	37.66	2924.3	121.23
Shamrock's Dorothy Diamond 45032	A	96	Sept	857.0	4.76	40.79	3364.6	158.44
STEVENS, L. B., SHORELAND FARM, HARTLAND, WIS. 1 day test.								
Shoreland Guinanette 102699	G	73	Sept	892.3	4.70	41.94	2458.4	122.83
STOKES, ANSON PHELPS, THE BROOK FARM, LENOX, MASS.								
Brook Farm Emma 85122	F	340	Sept	523.7	4.91	25.71	8352.1	395.44
Brook Farm Lillian 81143	D	129	Aug	1075.0	4.97	53.43		
		159	Sept	961.0	4.91	47.19	5939.4	309.57
Brook Farm Polly 81142	D	135	Sept	966.9	4.58	44.28	4552.9	221.43
Brook Farm Pollyanna 90945	G	264	Sept	398.8	5.60	22.33	4530.4	246.50
STONE, GEORGE C., FAIRYDALE FARM, PAWLING, N. Y.								
Caribou Calypsa 87283	E	161	Sept	908.1	4.49	40.77	6136.7	292.99
Caribou Celosia 52325	A	242	Sept	1112.2	4.63	51.49	11406.0	544.77
Caribou Chosan 56790	A	352	Sept	633.1	4.24	26.84	9571.6	413.43
Caribou Josie 84334	E	6	Aug	168.1	3.96	6.66		
		36	Sept	891.4	3.96	35.30	1059.5	41.96
s. Jokastus 17320 A. R.								
d. Caribou Celosia 52325 A. R. 5783								
Caribou Mary Ann 57106	A	125	Sept	1077.8	4.32	46.56	4969.8	209.02
Caribou Neronic 114602	G	22	Sept	580.4	5.19	30.12		
s. Rose King of Jean Du Luth 24329 A. R.								
d. Neronic 43595 A. R. 4015								
Caribou Pulias 75521	B	157	Sept	808.1	4.45	35.96	5465.1	231.37
Caribou Rose 87281	D	12	Aug	383.0	4.15	15.89		
		42	Sept	989.6	4.15	41.07	1372.6	56.96
s. Jokastus 17320 A. R.								
d. Neronic 43595 A. R. 4015								
Planet's May 93580	G	139	Sept	973.1	4.22	41.06	5111.6	207.07
Yeoman's Mixter Violet 79727	D	102	Sept	826.1	4.79	39.57	3046.4	141.79
SUNDERLAND, E. J., CHANUTE, KANS.								
Benton's Mabel of Waukesha 96325	G	325	Sept	175.0	4.90	8.58	8547.2	368.19
Lady Violet of Harvest Knoll 80470	D	153	Sept	796.6	5.13	40.87	4705.2	228.99
TABER & MIGNIN, CASTILE, N. Y. 1 day test.								
Governor Rose's Queen Anne 68616	C	202	Sept	893.7	4.65	41.56	7274.1	373.62
TABER, EST. H. E., MAPLE ROW FARM, CASTILE, N. Y. 1 day test.								
Marie's Midget 87268	F	311	Sept	625.0	6.10	38.13	8323.5	474.95
Octavia T. 73653	D	341	Sept	629.0	5.49	34.53	10290.1	563.97
Rainbow's Easter Lily 85945	E	8	July	196.4	4.70	9.23		
		39	Aug	904.0	4.70	42.49		
		69	Sept	858.3	4.70	40.34	1958.7	92.06
s. Reservation Pioneer 30421 A. R.								
d. Vanguard's Rainbow 58525 A. R. 6281								
Reservation Duchess 96546	G	107	Sept	754.6	5.64	42.56	2806.5	141.55
Reservation Rose 87267	E	8	Aug	208.0	4.80	9.98		
		38	Sept	941.5	4.80	45.19	1149.5	55.17
s. Reservation Pioneer 30421 A. R.								
d. Antoinette's Jeanette 42344								
TAGGART, RUSH, BUCKEYE FARM, NEW CANAAN, CONN.								
Mary's Maypole 42143	A	10	Sept	274.0	4.65	12.74		
s. Coquette's Masher 14656 A. R.								
d. Maypole Rosie 22846 A. R. 7338								
Mary's Maypole of Buckeye Farm 76599	D	273	Sept	511.0	5.64	28.82	7593.9	349.76
Sensitive's Maypole's Coquette 72400	C	365	Sept	392.9	9.85	38.70	8452.1	419.60
Sensitive's Queen of Buckeye Farm 64965	A	265	Sept	500.3	6.75	33.77	7208.2	364.53

TAGGART, W. H., BRAESIDE FARM, MANAWA, WIS.

Jessie of Anna Dean Farm 3d 97748	G	98	Sept	621.3	5.20	32.31	2138.2	93.74
Lady Capulet of Dellafield 73455	D	340	Sept	617.6	5.25	32.42	9859.1	415.95
Lucy's Phyllis of Braeside 113722	F	241	Sept	500.5	6.36	31.83	6151.3	304.63
Maid Lynette of Dellafield 73456	D	349	Sept	438.4	6.10	26.74	9431.9	416.77
Ora's Twilight 89592	G	145	Sept	646.5	4.79	30.97	3569.5	153.13
Rilma June of Sun Set View 94519	G	86	Sept	481.4	5.54	26.67	1638.8	74.73

TARBELL, GAGE E., TARBELL FARMS, SMITHVILLE FLATS, N. Y.

Clover Leaf of Tarbell Farms 4th 84853	F	365	Sept	532.8	5.83	31.06	8899.6	495.74
Ethel of Tarbell Farms 74631	C	183	Sept	1006.9	4.85	48.83	7960.0	346.12
Gold Coin of Tarbell Farms 2d 76111	C	91	Sept	814.5	4.70	38.28	2697.5	128.03
La Fleur Primrose of Tarbell Farms 85106	E	178	Sept	689.2	5.61	38.66	4924.5	230.48
Lisbeth of Tarbell Farms 2d 83487	F	291	Sept	460.3	6.07	27.94	5795.2	314.85
Maida of Tarbell Farms 81069	E	212	Sept	722.3	5.10	36.84	6428.5	296.60
Princess Pat of Tarbell Farms 86893	F	273	Sept	422.4	5.72	24.16	5417.6	276.15
Quercus Maid 2d 78725	E	361	Sept	699.1	5.79	40.48		
		365	Oct	87.6	5.79	5.07	10166.4	568.50
Sue of Tarbell Farms 6th 83367	E	242	Sept	804.2	4.68	37.64	8227.8	360.57
Village Uter 4th 98019	G	11	July	307.5	3.93	12.08		
		42	Aug	950.1	3.93	37.34		
		72	Sept	801.6	4.46	35.75	2059.2	85.17

s. George Washington of Maple Farm 20363 A. R.
d. Village Uter 32774 A. R. 3303

TEN BROECK, DREW, MAPLE BROECK FARM, McLEAN, ILL. 1 day test.

Beauty Elmwood of Spring Grove 119705	G	142	Sept	792.8	5.06	40.12	4302.2	203.64
Helen of Rock Creek 94454	G	147	Sept	913.3	4.98	45.48	4831.6	227.45

TENNEY, D. D., SHOREWOOD FARM, CRYSTAL BAY, MINN.

Cherub's Coquette of Shorewood 83708	E	110	Sept	1044.6	4.94	51.60	3788.1	185.76
Cherub's Cora of Shorewood 83706	D	55	Sept	1383.9	4.81	66.57	2398.8	115.39
Cherub's Promise of Shorewood 83709	F	348	Sept	898.8	5.71	51.32	12026.3	630.20
Cherub's Rutila of Shorewood 95934	G	167	Sept	796.5	5.63	44.84	3966.4	205.95
Itchen Rosette of Shorewood 76331	D	164	Sept	1159.4	5.19	60.17	6882.4	318.40

THOMSON, A. A., OAK HILL ESTATE, UNIONTOWN, PA.

Alderney's Daisy of Oak Ridge 70778	D	260	Aug	591.5	4.69	27.74		
		290	Sept	462.8	4.15	19.21	9116.9	361.10
Friendship Fernette 60227	A	275	Sept	638.6	4.72	30.14	8709.2	408.74
Friendship Le Ruez 61419	A	239	July	569.9	4.20	23.94		
		270	Aug	470.5	5.04	23.71		
		300	Sept	368.8	4.30	15.86	7783.2	325.04
Friendship Miss France 79750	C	350	Sept	458.2	4.39	20.11	8925.2	420.90
May Queen of Four Pine 70326	C	247	Sept	580.4	5.00	29.02	6776.3	330.87

THOMSON, FRANK GRAHAM, BROOKMEAD FARM, DEVON, PA.

Brookmead's Dairymaid 55397	A	31	Aug	1282.9	4.29	55.04		
		61	Sept	1080.5	3.76	40.63	2363.4	95.67

s. Langwater Royal Master 23663 A. R.
d. La Fossiana of Brookmead 3d 40796

Brookmead's Dimple 49806	A	283	Sept	787.4	5.47	43.07	10591.7	547.30
Brookmead's Girl Guide 66635	A	122	Sept	1101.5	5.00	55.08	5017.4	231.38
Brookmead's Glory 97559	G	365	Sept	323.0	5.18	16.73	11142.8	503.46
Brookmead's Heartsease 97571	G	30	Sept	1012.5	4.37	44.25		

s. Langwater Stars and Stripes 2d 44664
d. Heartsease of Rich Neck 2d 49308 A. R. 4825

Brookmead's May Rose 49803	A	365	Sept	300.4	7.43	22.32	1332.2	740.31
Brookmead's Oriflame 97558	F	202	Sept	854.8	5.55	47.44	6127.3	308.18
Brookmead's Sister Anne 97561	G	319	Sept	740.6	5.18	38.36	9454.6	453.01
Langwater Actress 49481	A	304	Sept	838.1	5.34	44.75	12557.2	601.51

TILDEN, ANNIE E., TILDEN FARMS, DELAVAN, WIS.

Alma's Beauty 102156	D	356	Sept	731.7	4.86	35.56	11548.5	560.14
Beautiful Lady of Maple Hill 71462	C	312	Sept	704.4	6.00	42.26	9835.9	552.52
Belle Daisy of A. D. F. 66072	A	242	Sept	562.7	4.89	27.52	7069.1	330.25
Bellmada 2d 49474	A	350	Sept	492.8	5.32	26.27	10281.8	452.33
Imp. Beryl of Verdun Farm 83991	E	347	Sept	511.5	5.22	26.70	10515.8	494.62
Imp. Buttercup of Roque Balan 84011	D	147	Sept	777.9	5.29	41.15	4623.8	210.89
Imp. Butter Girl of the Islets 84028	D	74	Sept	915.6	4.26	39.00	2298.7	96.26
Imp. Clarissa of the Colinbot 83993	E	351	Sept	527.5	5.02	26.48	9599.7	451.36
Imp. Cor of Anna Dean Farm 46746	A	254	Sept	717.6	4.98	35.74	8879.5	423.03
Elsie Denise 83624	F	214	Sept	763.4	4.45	33.97	6308.0	294.69
Elsie May's Marie 93542	G	214	Sept	607.6	5.64	34.27	5350.1	260.35
Hambro's Lily Belle 70367	B	246	Sept	281.8	5.35	15.08	6726.7	310.41
Hope's Neva of Hickory Grove 76873	E	334	Sept	689.8	5.60	38.63	9186.9	516.23
Imp. Lady of Rosewood 94334	F	86	Sept	951.9	3.63	34.55	2821.1	109.32
Imp. Lily II. of Coin Colin 84023	E	233	Sept	623.2	5.97	37.21	5932.9	326.34
Linden Lady of Hickory Grove 73179	D	323	Sept	263.1	7.66	20.15	6883.9	364.48
Imp. Lisle's Too True 84025	C	25	Sept	1176.1	3.51	41.28		

s. Imp. Sailor Lad of the Fontaines 51090 A. R.
d. Lisle's Mousette IV. R. G. A. S. 11135 P. S.

September	856.0	37.66
October	807.5	38.56
November	681.0	33.39
December	725.0	36.97

Production required for registration: 5455 lbs. of milk; 218 lbs. of butter fat. Total production: 8203 lbs. of milk; 411 lbs. of butter fat.

Average per cent. of fat: 5.00. No. of days in milk: 365.

Last previous Canadian record published in November 1 JOURNAL.

Canadian Record of Guernsey Cow

Stella of Pen-y-Bryn 2386 (Canada) R. of P. 67
Sire—Duke of Sutherland 1011
Dam—Queen of Comiaken 1200
Owned by William Bazett, Duncan, B. C.
Bred by William Bazett, Duncan, B. C.
Class—Mature. Age at Commencement of test: 6 years.
Date test commenced: October 8, 1920
Date of calving: October 8, 1920
Date of calving following test: October 23, 1921

PRODUCTION BY MONTHS

MONTHS	Lbs. of Milk	Lbs. of Fat
January	1211.5	53.30
February	984.0	43.29
March	979.5	46.03
April	1138.5	53.50
May	1188.5	57.04
June	1108.0	52.10
July	1047.0	47.11
August	858.5	40.34
September	245.0	11.51
October	1054.5	54.83
November	1175.5	61.12
December	1167.5	56.79

Production required for registration: 8000 lbs. of milk; 320 lbs. of butter fat. Total production: 12158 lbs. of milk; 577 lbs. of butter fat.

Average per cent. of fat: 4.75. No. of days in milk: 349.

Guernseys Wanted

This column contains the names and addresses of those who have informed us that they are in the market for Guernseys, also brief descriptions of the cattle wanted.

Russell Hutchins, Newport, Box 499, New Hampshire. Prices, pedigrees and full information on a few pure bred Guernsey cows four or five years of age.

J. S. Wilhoit, Cameron, Missouri. Prices on pure bred heifers and cows.

Eliot H. Benton, Guilford, Box 194, Connecticut. A well bred bull calf.

F. S. Martin, 517-7th Street, S. W. Puyallup, Washington. Pure bred females for herd foundation.

E. W. Norris, Broadmoor Farm, Vaughan Road, Montgomery, Alabama. Description and prices on pure bred females all ages suitable for herd foundation. I am replacing my grade herd with pure breds.

R. O. Swanson, County Agricultural Agent, Howard, South Dakota. Prices on half a carload of high grade Guernsey calves, preferably from Minnesota, Wisconsin or Iowa.

Dr. J. S. Bachman, Bristol, Tennessee. A few pure bred Guernsey heifers.

Transfers

List of Guernsey Cattle Transfers from November 1 to November 15, 1921, Inclusive

BULLS

Abbott,Farm King 74884—Abbott Farm Company, Inc., to E. W. Sturtevant, Oakland, Maine.
Adelheid's Rex of Normal Farm 71800—State Normal School to Melvin W. Cooper, Glen. haven, Wis.
Albamont Hector 70209—John C. Haartz to Henry Batchelder, Barre, Vt.
Alma's Cavalier of Winter Clove 75888—E. Burdette Whitcomb to Frank R. Schutt, Catskill, N. Y.
Alma's Duke of Linwood 73834—W. M. Burson to T. L. Hooshall & E. L. Carroll, Atlanta, Ga.
Alrosch Sunlight Governor May Rose 73554—Albert R. Schwenke to Louis A. Sendelbach, Waldorf, Minn.
Alvira's Maxim of Oakley 69524—Olson & Kran to J. M. Bell, Hutchinson, Minn.
Amor of Verdun 72911—E. L. Leppen to Ole C. Reierson, Iola, Wis.
Antietam Butter Boy 75738—St. Lawrence Dairy Co., to Herbert Sheidy, Wennersville, Pa.
Anton's Ultra Masher 5th 75565—H. W. Johnson to C. C. & J. W. Cummings, Guilford College, N. C.
Apollo of Bon Ayre 73859—H. W. Wigman to W. L. George, Apollo, Pa.
Apollo of the Rancho 62537—Walter B. Haverskorsh to Buckle Bros., Holtville, Cal.
Apollo's White Olive 74256—Walter C. White to J. L. Engle, Beloit, Ohio
Appin's Raider 55437—J. W. McKay to Marcus W. Candle, Peachland, N. C.
Arbutus 66733—A. O. Malmguist to James W. Young, Atwater, Minn.
Baileyway Bonny Regent 75865—V. E. & F. D. Bailey to F. M. Kerby, Cascade, Idaho
Baileyway Golden Sequel 75864—V. E. & F. D. Bailey to Mrs. E. M. Hall, Bayview, Idaho
Bates of Mondovi 75838—Robert Stoll to George Muehleisen, Cochrane, Wis.
Bayberry Denison 72893—Charles H. Sabin to T. A Howell, Southampton, N. Y.
Bear Lake Chief 57807—S. F. Johnson to J. C. Stoebe & Asa Glispie, La Fontaine, Ind.
Bell Boy of Brookside 65870—D. H. Skinner to P. S. De Boer, Waitsfield, Vt.
Belle's Golden Secret of Adams Farm 70673—E. P. Adams to William Baker, Polo, Mo.
Belle's Raymond of Killarney Farms 75660—Rob R. McNagny to Clifford Funderburg, Huntington, Ind.
Belle's Secret of Tile Spring Farm 74775—L. A. Yaeger to C. C. Pratt, Mankato, Minn.
Ben's Pet 72562—M. B. Wood & George E. Richardson to H. F. Howard, Winnebago, Minn.
Bettykins's Sunflower 75743—L. J. McMurray to I. R. Clark, Hardy, Nebraska
Beverly Boy 73970—Miss Katherine E. Silsbee to Harold M. Waterhouse, Merrimac, Mass.

Maggie's Hope of Tilden Farms 99186	G	39	Sept	534.8	4.23	22.62	688.3	28.28
Nana of Hickory Grove 89158	G	341	Sept	401.5	5.23	21.00	6621.1	354.07
Imp. Nicolle's Primula IV. 84029	D	59	Sept	984.3	4.14	40.75	2065.5	86.27
Nydia of Hickory Grove 89159	G	326	Sept	416.2	6.54	27.22	8081.6	467.59
Imp. Primrose III. of La Petite Cache 84026	E	338	Sept	644.8	6.03	38.88	6922.6	388.36
Imp. Queen of the Lohiers 84053	D	115	Sept	791.6	4.54	35.94	3424.6	149.16
Rosebud of Hickory Grove 89160	G	331	Sept	462.8	5.01	23.19	7015.3	349.70
Sir Rosewood's Ginger 65051	A	173	Sept	754.7	4.54	34.26	5637.7	257.40
Imp. Topsy VI. of Bickleigh 84032	D	161	Sept	912.8	3.87	35.33	6000.9	252.45
Zelma's Queen 102154	B	332	Sept	614.7	4.55	27.97	9371.7	433.04
TIMMINS, GEORGE H., GREENWAY FARM, WARE, MASS.								
Elsie May of Glenburnie 42480	A	137	Sept	905.8	4.54	41.12	4634.0	196.12
Masher's May of Glenburnie 58803	A	272	Sept	866.9	5.06	43.87	10597.1	491.59
TOAN, LEWIS A., TRIPLE OAKS FARM, PERRY, N. Y.								
Alma Munroe of Tonydale 83241	G	342	Sept	620.5	6.44	39.96	8631.9	441.58
Betty Munroe of Tonydale 65172	A	220	Sept	1000.6	4.61	46.13	8618.3	397.49
Della May of Tonydale 43293	A	199	Sept	1034.1	5.19	53.67	8637.4	427.12
Doris Munroe of Tonydale 83236	F	332	Sept	770.4	4.79	36.90	9834.8	452.08
Hattie Munroe of Tonydale 83237	F	351	Sept	673.3	5.10	34.34	9155.8	494.76
Margie Munroe of Tonydale 83238	F	345	Sept	695.0	4.80	33.36	9678.7	461.21
Spotless of Tonydale 83233	F	359	Sept	719.1	4.95	35.60	9899.2	499.75
Spot of Tonydale 83232	F	329	Sept	711.8	4.66	33.17	9960.5	482.32
VAUGHAN, EDWARD, MARION, IOWA. 1 day test.								
Betty of Poplar 60025	A	351	Sept	1022.3	6.01	61.44	14553.9	734.10
VAUGHAN, L. E., ORONOGO, MO.								
Ada Glenwood's Emma 90729	D	146	Sept	639.0	4.92	31.44	3244.3	151.77
Ada Glenwood's Jane 90730	C	61	Sept	1152.6	4.34	50.02	2391.6	100.20
Glencoe's Arline 79968	D	9	Sept	244.6	3.90	9.54		
s. Glencoe's Prince of Maple Hill 36231								
d. Arline of Larchmont 45409								
Josephine of Cove Hollow 90728	C	71	Sept	1303.1	4.19	54.60	3056.2	121.05
Ozark Modele's Arline 74462	B	30	Sept	977.1	4.00	39.08		
s. Masher's Model 21840								
d. Arline of Larchmont 45409								
Ozark Model's Mary Ruth 74463	B	92	Sept	880.5	4.44	39.09	1861.7	76.67
VOLLENDORF, BENJAMIN L., EAU CLAIRE, WIS. 1 day test.								
Fawn Beauty 70783	B	122	Sept	557.4	4.97	27.70	2990.9	129.86
WARE SHOALS MFG. CO., WARE SHOALS, S. C.								
Alphia of Ingalls Farm 55722	A	284	Sept	489.0	5.97	29.19	6932.9	385.77
Dolly of Ingalls Farm 49538	A	365	Sept	530.4	5.10	27.05	10086.8	471.78
Follyland Keturah 80366	E	197	Sept	851.8	4.23	36.03	6203.6	261.51
Lotina Gypson 39378	A	190	Sept	1066.9	4.33	46.20	7114.3	301.88
Ware Shoals Star of Lewison 90531	G	163	Sept	755.6	4.53	34.23	5056.7	209.14
Yeksa's Heroine 79036	C	106	Sept	1186.2	4.51	53.50	4387.1	182.45
WEISS, C. W., CAPE GIRARDEAU, MO.								
Dandy's Lil of Herodale 58184	A	181	Sept	907.9	5.01	45.49	7578.4	348.00
WESSELS, HULDA T., WINDMERE FARM, CHINO, CAL.								
Idalia of Edgemoor 85384	G	365	Sept	664.9	5.10	33.91	11869.6	539.92
Imp. Loulou's Pride of the Salines 94701	A	101	Sept	1171.1	5.28	61.83	4641.5	200.80
Patroness of Edgemoor 89830	G	252	Sept	614.1	6.14	37.71	6000.4	324.71
Thornliebank Golden Milkmaid 94575	F	24	Aug	512.0	5.27	26.98		
		54	Sept	575.0	5.27	30.30	1087.0	57.28
s. Golden Secret of Thornliebank 30022 A. R.								
d. Imp. Golden Horn of Thornliebank 65128								
WEST, WILLIAM R., NEW BEDFORD, MASS.								
Elsie of High Hill 89080	G	347	Sept	649.0	5.00	32.45	9647.4	427.16
Fancy Fleurie 97183	G	67	Sept	701.8	4.49	31.51	1605.8	69.57
Imp. Fine Feathers 58908	A	100	Sept	1201.9	5.00	60.10	4417.2	197.01
Fine Feathers of High Hill 73169	C	191	Sept	1026.4	5.37	55.12	8596.8	402.45
King Robert's Meadowside Lass 88042	F	120	Sept	811.4	5.38	43.65	3526.5	175.01
Maple Rose of the Glen 2d 67458	C	321	Sept	424.3	4.66	19.77	8328.2	359.79
Rhoberta Fernwood 73168	B	45	Aug	964.8	6.03	58.18		
		75	Sept	870.6	5.02	43.70	2252.4	120.69
WEYGANDT, W., EIGHTYFOUR, PA. 1 day test.								
Lucy of Weygandt Farm 57093	A	125	Sept	1111.9	4.15	46.14	5258.7	210.54
Maud of Weygandt Farm 107683	G	65	Sept	723.8	4.26	30.83	1615.8	67.40
Rachel of Weygandt Farm 108824	F	129	Sept	703.6	5.01	35.25	3450.7	148.31
WHEELER, H. WILSON, STREET, MD.								
Diana of the Maples 70732	A	365	Sept	596.3	5.42	32.32	12805.2	586.31
Nancy of Donemore 52898	A	229	Sept	565.5	3.91	22.11	6578.4	267.36
WHILDEN & ONSRUD, SUMTER, S. C.								
Blackstock's Lily 107719	F	251	Sept	954.2	5.06	48.28	8809.3	424.42
Lilyfal of Fletcher 64351	A	178	Sept	795.5	5.19	41.29	5443.6	244.76

Richmond Belle of Oak Ridge 44005	A	138	Sept	1129.6	5.03	56.82	5350.0	242.94
Wiline of Mayesville 97273	G	234	Sept	815.3	5.18	42.23	7055.6	317.09
WHIPPLE, SHERMAN L., THE FORGES FARM, PLYMOUTH, MASS.								
Elsie of The Forges 70386	B	260	Sept	709.7	5.73	40.67	7890.8	422.98
Finella Roberts of The Forges 79401	D	224	Sept	845.9	5.06	42.80	7366.6	349.12
Mineola of Manomet 52942	A	129	Sept	690.0	5.30	36.57	3341.5	181.01
Minnie Roberts of The Forges 72066	C	214	Sept	676.1	5.13	34.68	5786.1	278.24
Queenie of The Forges 70862	B	214	Sept	757.8	5.25	39.78	6777.3	335.83
Wild Rose of The Forges 70863	C	289	Sept	650.9	6.13	39.90	8256.0	477.16
WHITAKER, N. L., KATHERGAY FARMS, FULTON, N. Y.								
Kathergay Arbutus 85938	F	262	Sept	735.8	6.06	44.59	7367.5	375.51
Kathergay Daisy 85941	G	329	Sept	645.7	5.56	35.90	9052.9	427.31
Kathergay Holly 93753	G	204	Sept	670.1	5.46	36.59	5558.6	252.07
Kathergay Lilly 93754	G	211	Sept	704.5	6.00	42.27	5889.5	307.62
WHITE, WALTER C., CIRCLE W. FARM, GATES MILLS, OHIO.								
Craftie's Bess 51504	A	344	Sept	494.3	5.03	24.86	10130.7	436.56
Dick's Lassie 49619	A	337	Sept	903.2	6.25	56.45	12889.5	699.16
Goldseeker's Princess 95176	G	88	Sept	1228.3	4.06	49.87	3498.2	133.75
Maranda of Mound City 50132	A	348	Sept	1261.1	4.01	50.57	17540.1	704.63
Olive's Florrie 46101	A	236	Sept	761.0	4.93	37.52	8169.8	392.16
Patricia of Fairfield 81175	D	30	Sept	1198.8	3.96	47.47		
s. May King of Fairfield 36955								
d. Maple Ridge Princess 27165								
Queenie of Mixter Farm 34908	A	327	Sept	662.0	7.15	47.33	8220.5	540.37
Raymond's Lucy of Oaks Farm 74827	C	70	Sept	1288.3	5.09	65.57	3050.7	163.03
Raymond's Molly of Oaks Farm 77926	D	187	Sept	1103.9	4.73	52.21	6893.1	306.00
Sweet Anna of Mara Alva 77946	A	14	Aug	626.8	4.80	30.09		
		44	Sept	1404.6	4.80	67.42	2031.4	97.51
s. Charlie of Shady Nook 28631								
d. Golden Lady Bo Peep 20098								
Treva of Rising Sun 92896	G	112	Sept	796.4	6.08	48.42	3057.	160.24
Imp. Unity of Passee Villa 78853	B	308	Sept	973.2	5.22	50.80	11833.0	540.86
WHITE, W. T., HALFRED FARMS, CHAGRIN FALLS, OHIO.								
Duchess France of Walnut Glens 3d 71860	B	52	Sept	1561.9	4.54	70.91	2791.1	122.54
Imp. Governor's Flora of Mara Alva 69441	A	52	Sept	1150.0	4.40	50.60	1927.9	82.26
Hepatica of Walnut Glens 68634	B	222	Sept	903.2	6.26	56.54	8210.0	444.71
Marie Jane 65441	A	132	Sept	1131.2	4.40	49.77	5388.0	216.93
Maud Hopeful of Pomeroy 95265	G	100	Aug	841.7	5.36	36.70		
		130	Sept	800.1	4.98	39.84	3530.4	140.62
Raymondelia 48288	A	214	Sept	670.0	5.27	35.31	6454.7	314.45
Squire's Beauty of Walnut Glens 52245	A	361	Sept	1240.5	5.35	66.37	15251.9	791.18
Susan of Bon Ayre 65650	B	253	Sept	862.8	5.85	50.47	8310.3	472.48
WHITING, S. R., HOLYOKE, MASS.								
Molly's Lassie 86472	G	308	Sept	1019.5	4.66	47.51	12950.2	517.28
Nobleman of Elm-Leigh's Daughter 82335	F	308	Sept	709.8	5.42	38.47	8591.4	402.54
WHITMAN, CLARENCE, KATONAH'S WOOD FARM, KATONAH, N. Y. 1 day test.								
Katonah's Dew Drop 76698	D	254	Sept	1345.1	5.09	68.47	12622.4	575.09
Katonah's Myria 76700	C	133	Sept	1146.2	5.64	64.65	5747.9	281.47
WHITNEY, C. L. A., WYEBROOK FARM, LOUDONVILLE, N. Y.								
Brightness of Indian Bridge 85110	F	168	Oct	1238.6	5.79	71.71	7456.0	386.85
Wyebrook Cora 95374	E	220	Oct	893.9	5.42	48.45	7999.3	394.79
Wyebrook Grace 99205	G	44	Oct	1073.5	3.90	41.87	1504.0	58.23
WHITNEY, MAURICE, BERLIN, N. Y.								
Beauty's Daughter of Meadowbrook 79047	D	111	Sept	908.5	4.64	42.15	3696.5	158.42
Daisy's Dolly 102350	G	107	July	887.3	4.69	41.61		
		138	Aug	864.6	4.45	38.47		
		168	Sept	753.7	4.96	37.38	4652.5	206.13
Homestead Queenie 2d 65511	A	112	Sept	800.0	4.67	37.36	3390.6	146.85
Irene Princess of Lauderdale 48841	A	212	Sept	798.7	4.59	36.66	6418.7	268.02
WHITTIER, WALTER H., GRAND RAPIDS, MICH. 1 day test.								
Bonnie Gladys 39745	A	179	Sept	1007.3	4.38	44.12	7377.9	316.16
Forest Cissy of Arcadia 31035	A	187	Sept	1119.9	4.02	45.02	9085.9	349.48
Queen of Sitka 54760	A	47	Sept	1022.8	4.29	43.88	1622.7	66.50
WICHERN BROS., "PRAIRIE RANCH," BARABOO, WIS.								
Carrie of Elmshade 84085	F	238	Aug	470.6	5.36	25.22	6352.8	296.20
Darling of Lynnhurst 85152	G	365	Sept	109.8	6.61	7.26	8179.5	468.04
Doris of Lynnhurst 63362	B	350	Sept	693.5	6.72	46.60		
		365	Oct	303.3	6.72	20.38	12450.6	741.12
Dorothy of Lynnhurst 64423	A	264	Sept	639.3	6.14	39.25	9306.7	464.73
Froome's Queen of Sylvanite 83613	F	273	Sept	529.7	6.15	32.58	7501.3	366.69
Imp. Ivy of Ore Hill 48090	A	261	Sept	252.1	4.08	10.29	8357.6	376.53
June of Elmshade 84084	F	252	Sept	408.7	5.45	22.27	8576.5	348.31
Melrose of Hickory Grove 64286	A	281	Sept	522.3	6.61	34.52	7956.7	472.01

Bon Espoir's Dick of Pleasant View 63780—Frank Bonewit to S. F. Johnson, Warren, Ind.
Bopeep's Chesterbrook of Oakley 68674—Olson & Krans to Charley Wagner, Litchfield, Minn.
Bosworthfield Edward 73238—Charles W. Bosworth to Hudson E. Bridge, Walpole, N. H.
Brandon Hayes 75554—M. F. Whited to Perley L. Hoyt, Perkinsville, Vt.
Broje 72756—Elsid Trachier to Austin Durocher, West Lebanon, N. H.
Buster of Lady Susie 74145—Levi Ressler Jr., to Myron M. Slabaugh, Nappanee, Ind.
Buttercup Daisy's Gentle Guernsey's King 75834—Levi Ressler Jr., to Enos Bontrager, Nappanee, Ind.
Buttermaid's Prince of Excelsior Farm 67997—W. M. Pace to Otto Suhr, Fountain City, Wis.
Captain Tom of Locust Hill 32890—Samuel P. Goodhand to William R. McKnight, Centreville, Md.
Cedar Glen Butter Boy 75900—Peter Mason to F. L. Groelle, Manitowoc, Wis.
Cedric of Riverview 75877—Ole Krogan to Peder Seimonsen, Stanley, Wis.
Charlotte's May King 25522—Lowell Gable to W. R. Dunlop, West Grove, Pa. & Edwin B. Maule, Coatesville, Pa.
Chene's Noble of Keewaydin 44136—Samuel H. Halle to Joakin Johnson, Madison, Ohio
Cherub's Ring Leader 69200—W. W. Marsh to L. Jensen, Clearbrook, Minn.
Cherub's Son 70094—George Vidas to M. G. Woodruff, Indianola, Iowa
Chicona Raritan 47339—L. E. Wilson to W. O. Reith, Astoria, Oregon
Chief Highknocker of Monapacataca Farm 70944—Fred E. Crook to William Weise, Jr., Ripon, Wis.
Chief Kipling 75659—Ellen M. Page to Judson G. Martin, Haverhill, Mass.
Chieftain of West View 67815—Amos H. Showalter to E. A. Jackson, Lyndhurst, Va.
Cicero's Luetta's Boy 71797—Ralph Tratt to L. S. Covey, Poplar Grove, Ill.
Clover-Crest Jason 73385—L. Jensen to Beltrami County Guernsey Bull Ass'n No. 1, Bemidji, Minn.
College King's Earl 40699—James W. Hagar to John B. Cannon, Granby, Conn.
Colonel Philwood 75839—Aug. C. Christianson to Philip Wood, Brookpark, Minn.
Colonel of Summit 71802—William Albery to Byron Innis, Pataskala, Ohio
Conyngham 75629—James Logan Fisher to Mrs. J. Waln Vaux, Penllyn, Pa.
Corthera's Cliff 75658—J. H. Leatherwood to V. L. Rees, East Sound, Wash.
Countess's Regent 70150—Howard B. Smithers to Samuel Sirlin, East Canaan, Conn.
Coquette's King of Suburban Farm 75704—James H. Seaman to E. S. Herrington, Saratoga Springs, N. Y.
Creamland Dexter 65416—R. R. Schwartz to Will S. Alexander, Vincennes, Ind.
Cronie's Duke 75859—G. L. Reed to Henry McGuire, Albany, Vt.
Czar of Liberty Prairie 75186—John W. Thrall to Julius Miller & Son, Ripon, Wis.
Daisy's Dixie of Maple Grove 66662—Stark Bros. to Joe Pecher, Athens, Wis.
Daisy's Goldseeker of Pleasant Maple 73462—Ross Barber to Charles Stampfler, Fife Lake, Mich.
Daisy's Raider of Glenallen 75749—Mrs. Francis F. Prentiss to E. W. Dungan, Transfer, Pa.
Dale of Brock Hill 75741—O. F. Swoveland to H. O. Swoveland, Monroe, Ind.
Damon of Riverside Farms 29410—Henry Beisiegel to J. M. Wilson, Pleasant Hope, Mo.
Dan of Rose Valley 71896—Adolph A. Suhr to Henry Stamschror, Wabasha, Minn.
Dave Roe 75903—Irving Sheriff to J. D. Powers, Fort Atkinson, Wis.
Delco of Longwood 70198—Ernest B. Dane to John G. Kelly, Fryeburg, Maine
Desna's Opal 72483—Walter Marsden to Harold Swanson, Ottumwa, Iowa
Dewdrop's Laddie 69961—Haylett Bros., to A. W. Cleveland, Waukesha, Wis.
Dolly's Jacqueminot of Sweet Springs 66103—H. M. Allen to C. W. Menz, Amherst, Ohio
Duke of Loretta's Beauty 75835—Levi Ressler, Jr., to J. S. Walters & A. J. Shulzman, Nappanee, Ind.
Duke of Round Top 75868—S. C. Beeman to E. Rich, Lutherburg, Pa.
Duke of Starlight 75871—J. S. Kern to W. D. Elliot, Monroe City, Mo.
Early Gem 75551—Wilbur Van Der Kolk to Jacob Hilderbrand, Dorr, Mich.
Edgerton's May Rose Dandy 75870—A. J. Pierce to J. M. Ballou, Swansey, N. H.
Edgerton May Rose Duke 72063—A. J. Pierce to J. M. Ballou, Swansey, N. H.
Elaine Cinderella's Glenwood Boy 70043—W. O. Reith to Wyman R. Hoagland, Moravia, Idaho
Elkview Major 72021—A. J. Cullen to Everet Jones, Oxford, Pa.
Elm Row Rosie Twin's Daupin 75883—G. W. Ray to E. E. Price, Tremont, Mich.
Elm Summit Chief 75872—Chester A. Parnell to William J. Uphill, Batavia, N. Y.
Fanny's Marathon of Shagbark 70724—Howard Wilcox to J. F. Lencke, Brooke, Va.
Fanstay 2d 74756—Edward W. Simons, to C. H. Northrup, Ridgefield, Conn.

Fantasia's Jewelle Bill Bella 74839—Cleophas Conkle to W. O. Bohart, Bozeman, Mont.
Fawn's Royal Prince 67313—Henry E. Cordes to H. D. Weibe, Ottertail, Minn.
Felice's Fanstay 74755—Edward W. Simons to John J. Rich, Cross River, N. Y.
Fircrest Rex 71341—A. Macrae Smith to J. F. Scott, Yakima, Wash.
Fleurie's May King of A. D. F. 43893—George M. Hendee to Elijah Rogers, Southington, Conn.
Florham Charter 10th 75881—William F. Fretz to Franklin Smedley, Oakford, Penn.
Friquet's Golden Secret 66742—Chester A. Parnell to William Milligen, Pavilion, N. Y.
Fritzlyn Laddie 75734—William F. Fretz to C. W. Ward & Son, Elkins, W. Va.
Fritzlyn Prince 75735—William F. Fretz to Jacob Howell, Mount Pleasant, Mills, Pa.
Glenwood King of Wayside 71086—A. B. Arenson & Son to John Shaw, Hixton, Wis.
Glenwood's Boy of Riverview 72029—H. D. Mintz to Thomas, Evenson, Spanberg & Benson, Babcock, Wis.
Glenwood's Ironheart of Sunset 65761—Charles J. Olson to Frank Berglund, Ironwood, Mich.
Glenwood's Prince of Inverness 27328—University of Wisconsin to C. M. Eokown, Conrath, Wis.
Gold Democrat 56002—John Platt to Edward F. Gleason, Hyannis, Mass.
Golden B. 60275—F. N. Smith to C. C. Brown, Chestertown, Md.
Golden Boy of Lone Pine 22371—Harry W. Lewis to David Von Buren, Oshkosh, Wis.
Golden Boy of Newhouse 69990—T. E. Selness to Torge Thorson, Prosper, Minn.
Golden Boy of River Side 68035—M. E. Clark to F. G. Schuerman, Twin Bluffs, Wis.
Golden Gloretta's 65258—Edward S. Harmer to Samuel R. Matlack, Moorestown, N. J.
Golden Prince of Cuyuna 61849—F. A. Niles to Emil E. Blom, Wealthwood, Minn.
Golden Prince of Greenleaf Farm 71239—Walter H. Whittier to M. E. Curtis, Big Rapids, Mich.
Goldenrod's Noble 53548—William H. Hayes to Everett C. Benton, Guildhall, Vt.
Governor Grantess of Lynchburg 72776—R. A. Smith to J. M. Lemmon, Lynchburg, S. C.
Governor Jim of Maple Lawn 75867—Mrs. M. T. Schantz to August Martin, Cashton, Wis.
Governor McRhu 67095—Albert L. Hyzer to Ira Angier, Storm Lake, Iowa
Grassmere's Chief 75901—Leslie Kiddoo to Clark & Jackson, Vesper, Wis.
Grenwode of Hickory Island Farm 75736—Vaness & Rupley to John Chearhart, Granger, Ind.
Guernsey Hill's Laddy Boy 75747—J. G. McCall to M. Darnell, Dongola, Ill.
Hackthorn of Walnut Glen 62214—R. D. Gates to S. H. Halle, Mentor, Ohio
Hambro of Verdun 72251—E. L. Leppem to Paul J. Larson, Iola, Wis.
Hambro's Brownie Boy 49104—J. B. Linde, C. F. Glaede & J. P. Buchan to H. S. Hanson, Milltown, Wis.
Harding of Maple Side 74606—L. E. Jewitt to William Larching, Bangor, Wis.
Harding of Montpelia Farm 74659—James A. Boyce to S. C. Mills, Edenton, N. C.
Hemlock of Weedywold 75553—Est. C. H. Royce to Frank Calkins, Ithaca, N. Y.
Hiawatha of City View Farm 75559—S. D. Miller to Samuel R. Weldy, Wakarusa, Ind.
Hortonia Dexter 75861—Robert Jamison to Raymond Gartlin, Hortonville, Wis.
Howard of Southwood Park Farm 71336—Fred Suckow to H. C. Page, Ripon, Wis.
Ingleside King Chesterbrook 33025—Olson & Krans to Clinton Brothers, Watkins, Minn.
Irene's May King 75874—Horton Brothers to Frank Morgan, Ogilvie, Minn.
Isabel's Jewell of Elm Spring 46729—Merritt F. Webb to Hagan Brothers & Stepanek, Ogilvie, Minn.
Jardiniere's King Procris 72479—S. M. Shoemaker to William T. Smith, Lincoln, Va.
Jewel's Chancellor of Elgercon 69451—Mrs. Gertrude L. C. Tucker to Melvin Mayfield, Roseville, Ohio
Jimmy Coon 52021—Anund Torgremson to Swan Rydberg, Bovey, Minn.
Joe of Delaware 74192—H. H. Buckley to Russell Scribner, Speculator, N. Y.
Kelso of Malvern 75876—Est. H. B. Rosengarten to Mrs. J. Gardner Cassatt, Berwyn, Pa.
King Gilbert of Oakley 67983—Olson & Krans to Thomas Murray, Litchfield, Minn.
King Hero's Pride 71848—A. E. Nehring to M. M. Evenson, Whitehall, Wis.
King Munroe 53254—Chester A. Parnell to Chester A. Parnell, Piffard; N. G. & Lewis A. Toan, Batavia, N. Y.
King of Fletcher Brook 75905—J. H. Mussey to Bert Blanchard, Gayville, Vt.
King of Landsdown 74340—W. S. Embrey to E. A. Haislip, Fredericksburg, Va.
King of Thatch Meadow 75886—G. W. Bacon to Walter A. Wood, Stony Brook, N. Y.
King of Westholm 75885—W. W. Holmes to Truman Wheeler, Woodbury, Conn.
King Rainey Ranch 73992—Leonard H. Clemett to Almon C. Holmes, Detroit, Mich.
King's Masher of Rossbourg 75836—Maryland Agricultural Experiment Station to William Wallace Wood, Beltsville, Md.

WIGMAN & SURATO, LANSING, MICH. 1 day test.

Beda Rose 62020	A	134	Sept	1049.9	4.99	52.39	5556.9	267.05
St. Austell Golden Dagna 45451	A	84	Sept	973.4	4.22	41.08	2941.2	117.74
Smith's Aba 45396	A	134	Sept	1032.5	3.91	40.37	5347.4	200.87
Wood Farm's Ada 45140	A	62	Aug	749.3	4.38	32.82	1758.2	80.64

WIGMAN, H. W., "BON AYRE," HOLT, MICH. 1 day test.

Bradford's Murn 60251	A	249	Sept	928.3	4.93	45.77	10884.8	455.12
Lady Sequel of Orchard Hill 79026	D	226	Sept	790.5	5.56	43.95	7721.6	370.94
Maplecrest's Bess 92696	G	152	Sept	713.3	4.68	33.38	4182.2	182.06
Raider's Pride of Locust Hill 90421	F	205	Sept	743.7	5.00	37.19	5420.1	253.11

WILDERSON, C. G., MYRNA MAREE FARM, LEETONIA, OHIO. 1 day test.

Beta Raider Butter of Myrna Maree Farm 89542	F	124	Sept	733.5	5.00	36.68	3435.9	164.11
Butter King's Signorina 48564	A	164	Sept	668.2	4.80	32.07	4966 0	237.10
Imp. Butter II. of Clairmont 36449	A	107	Sept	758.5	4.95	37.55	3279.8	163.19
Golden Lola of Hazelbrook 62639	A	6	Aug	195.4	5.93	11.59		
		36	Sept	937.0	5.93	55.56	1132.4	67.15
s. Billy Sunday 20177								
d. Viola of Homestead 17668								
Raider's Bonny May of Myrna Maree Farm 82633	G	365	Sept	108.2	5.44	5.89	7095.4	393.43
Raider's Fanny of Myrna Maree Farm 82632	E	137	Sept	453.7	4.94	22.41	2658.0	133.02
Raider's Lady of Eastlawn 79481	D	132	Sept	711.1	5.38	38.26	3631.4	177.36
Raider's Old Kate of Myrna Maree Farm 78499	D	192	Sept	688.8	5.46	37.61	5546.1	264.74
Raider's Signorina of Myrna Maree Farm 79251	E	195	Sept	646.2	4.96	32.05	5450.3	258.39
Raider's Sunbeam of Myrna Maree Farm 82634	G	365	Aug	176.5	6.35	11.21	6003.0	324.20

WILLIAMS, EDWARD T., ECHO GLADE FARM, DOUSMAN, WIS. 1 day test.

Betsey Jane of Brook Hill 31527	A	207	Sept	743.9	5.03	37.42	7043.4	318.46
Betsey's Rose of Forest View 86225	F	309	Sept	548.2	4.91	26.92	7527.7	355.21
Duke's Jane of Forest View 84629	F	204	Sept	650.9	5.01	32.61	5912.6	270.79
Eula of Cameron 73479	D	365	Sept	28.9	4.85	1.40	9864.8	470.71
Lady's Mayflower's Le Noir of Oakland 86661	F	346	Sept	441.8	3.88	17.14	8393.7	330.29

WILLIAMS, JOHN H., PARK FARM, WAUKESHA, WIS.

Park's Dolly's Speckles 95135	G	92	Sept	1031.6	4.19	43.22	3281.6	130.59
Park's Primrose Dotty 95136	G	77	Sept	828.9	4.11	34.07	2226.3	87.72

WILLIAMS, RALPH, CAPE GIRARDEAU, MO.

Ocean Wave of Birchwood 82987	D	122	Sept	994.3	3.60	35.79	1357.7	57.13
Omega of Birchwood 82236	E	214	Sept	766.2	4.47	34.25	7218.9	324.15
Imp. Pine II. des Fontenelles 100127	F	122	Sept	772.9	4.07	31.46	3534.3	144.92

WILLIS, PARK WEED, ORCHARD HILL FARM, REDMOND, WASH. 1 day test.

Glenwood Princess Pat of Orchard Hill 88994	G	319	Sept	127.1	6.68	8.49	5782.0	305.25
Sequel's Milk Maid of Vashon 69361	C	359	Sept	410.3	4.54	18.63		
		365	Oct	86.8	4.54	3.94	8442.9	371.38

WINTER, OSCAR J., THE VILLAGE FARM, SEBEWAING, MICH.

Sweet Orchard Belvidere's Minnewaska 57059	A	124	Sept	793.3	4.35	34.51	4044.1	170.86
Sweet Orchard Minnewaska 64493	B	304	Sept	460.6	4.52	20.82	7854.3	327.62
Sweet Orchard Minnewaska's Gem 88628	E	242	Sept	523.0	4.45	23.27	6293.5	261.88

WIRT, CHARLES E., CLOVER LAWN FARM, LEWISTON, MINN. 1 day test.

Beauty of Clover Lawn 52238	A	304	Sept	750.0	5.13	38.48	10875.4	560.27
Clover Lawn's Sky Lark 81052	D	246	Sept	905.7	4.74	42.93	9165.6	402.28
Glendett's Dairy Maid of Clover Lawn 52237	A	327	Sept	751.9	4.93	37.07	10386.3	491.12
Lady Grace of Clover Lawn 81049	A	273	Sept	829.3	5.32	44.12	10126.0	497.70
Marie of Elder Grove 78134	E	334	Sept	355.1	5.55	19.71	6394.1	304.72
Masher's Pansy of Clover Lawn 89919	G	352	Sept	544.9	5.49	29.92	9840.7	484.10
Peacock's Princess of Denton Farm 45208	A	221	Sept	663.6	4.93	32.72	7553.2	342.11

WISCONSIN, UNIVERSITY OF, MADISON, WIS.

Pergue's Lady May 61716	A	297	Sept	888.2	5.45	48.41	12363.7	679.75

WITTIG & DREW, McLEAN, VA. 1 day test.

Imp. Francais Daisy of Albamont 110228	G	30	Sept	839.6	4.92	41.31		
s. Golden Fleece of Woodlands R. G. A. S. 365 F. S.								
d. Daisy of Summerfield III. R. G. A. S. 15446 P. S.								
Lila Gay of Plum Grove 81516	D	44	Sept	1288.9	4.58	59.03	1838.4	86.40
Miss Floris 84888	F	365	Sept	445.8	4.95	22.07	11717.7	611.50

WITTMAN, JOSEPH, THE TOWERS FARM, MORRISTOWN, N. J. 1 day test.

Rosy Janet 68215	B	305 Oct	166.4	8.31	13.83	6410.4	372.20
Imp. Wickham Lily 45981	A	293 Oct	436.1	5.98	26.08	6284.6	338.42

WOODBURY, U. A. II., APPLETREE POINT FARM, BURLINGTON, VT. 1 day test.

Imp. Duchess of Prospect 70427	C	237 Sept	914.4	6.27	57.33	8573.8	440.93
Maple Glen Katherine Ridgeway 84544	G	365 Sept	66.4	5.00	3.32		
			173.0	5.52	9.55	11225.4	489.52
Myrtle Rose 74015	C	183 Sept	867.3	4.89	42.41	5712.0	253.58
Mythop of Iowa 3d 72747	C	183 Sept	905.9	4.66	42.21	6860.8	295.62

WOODRUFF, ROLLIN S., ROLLWOOD FARM, GUILFORD, CONN.

Bob of Ledyard's Alfreda 33769	A	235 Sept	803.0	4.88	39.13	7673.9	347.86
Cocot's Reine of Rollwood 68327	B	183 Sept	787.7	5.26	41.43	5297.5	270.57
Irene of Rollwood 61611	A	51 Sept	1098.2	4.31	47.33	1897.1	80.08
Lady's Maid of Oakhurst 2d 54985	A	211 Sept	566.7	5.16	29.24	6481.2	286.14
May Rose Jewel 71600	A	98 Sept	1096.1	4.37	47.90	3949.6	176.97
Miss Collins of Rollwood 87921	F	183 Sept	765.3	5.56	42.55	5351.0	273.57
Queen Anna Belle of Guernsey Ridge Farm 56603	A	236 Sept	781.9	5.16	40.35	8306.3	370.64

WOODS, MORT, PRIMROSE FARM, ARDMORE, OKLA.

Fairest's Betty of Edgewood 70002	B	90 Sept	839.7	4.02	33.76	2941.0	122.55
Wishful's Ardmoreite 99528	G	88 Sept	695.1	4.33	30.10	2485.5	113.47

WRIGHT, CARL M., SAGAMORE FARM, GALIEN, MICH. 1 day test.

Fannie Belle of Pleasant View Farm 34066	A	159 Sept	789.0	4.00	31.56	5567.8	211.35
Village Fern 65331	A	128 Sept	733.9	4.68	34.35	3711.9	166.16

WRIGHT, W. E., MOUNTROSE FARM, AKRON, OHIO.

Avonlea of Mara Alva 92580	G	61 Sept	770.8	4.54	34.99	1533.2	63.88
Fairy's Pride of Mara Alva 104203	E	257 Sept	781.8	5.68	44.41	8193.7	460.74
Fern Fleurie of Mara Alva 101662	E	261 Sept	837.5	5.20	43.55	8833.8	436.26
Imp. Flora Bella of Mara Alva 83890	D	224 Sept	787.3	4.86	38.26	7296.0	334.81
Galaxy's Violet of Mara Alva 74195	C	156 Sept	1203.7	5.46	65.72	7061.8	343.01
Goldseeker's Cottie of Anna Dean Farm 64503	A	365 Sept	512.3	5.42	27.77	7403.2	395.32
Goldseeker's Emerita 60097	A	31 May	992.7	4.81	47.75		
		61 June	862.6	5.10	43.99		
		92 July	833.5	4.80	40.01		
		123 Aug	883.3	4.80	42.40		
		153 Sept	727.0	5.04	36.64	4299.1	210.79
s. Imp. Goldseeker of Anna Dean Farm 26106 A. R.							
d. King's Emerita 40453							
Imp. Lisle's Lily of Mara Alva 68107	A	123 Aug	850.5	4.54	38.61		
		153 Sept	827.8	4.53	37.50	5069.4	233.76
Mabel of Plum Grove 81517	F	304 Sept	693.0	5.57	38.60	7990.1	404.79
Mae of Mountrose 109384	G	100 Sept	958.3	4.45	42.64	3193.1	139.32
May King's September Morn 48873	A	14 Apr	435.4	4.67	20.33		
		45 May	1170.9	4.51	52.81		
		75 June	1160.4	4.13	47.92		
		106 July	1089.9	4.22	45.99		
		137 Aug	1058.4	4.22	44.66		
		167 Sept	939.8	4.48	42.10	5854.8	253.81
s. Langwater May King 13001 A. R.							
d. Imp. Marais Source I. 28418 A. R. 1681							
Pride of Iowa's Lady of Elmcourt 39296	A	266 Sept	827.4	5.44	45.01	8564.9	432.02
Imp. Sweet Countess Primrose of Mara Alva 83864	C	267 Sept	778.8	5.03	39.17	7940.6	411.73
Willowcrest's Lady Mary 54079	A	225 Sept	966.7	4.12	39.83	8968.4	364.98

YOST, SAMUEL, OAKWOOD FARM, STILLWATER, PA. 1 day test.

Dimple's Rose of Oakwood 2d 73355	D	365 Sept	412.3	6.68	27.54	6785.0	400.17
Lulu Dimple of Hickory Dell Farm 60257	A	183 Sept	775.0	4.91	38.05	5584.3	259.26
Oakwood Desire 94831	F	365 Sept	702.8	5.59	39.28	9648.3	512.86
Oakwood Dorothy 94832	F	304 July	602.3	5.04	30.36		
		335 Aug	488.0	5.22	25.47		
		365 Sept	391.4	6.07	23.76	8463.3	439.10
Oakwood Frances 104133	F	273 Sept	583.8	4.63	27.03	7918.9	380.36

MERITORIOUS GRADE GUERNSEYS

ENLOW, GRANT M., FAIRFIELD, IOWA. 1 day test.

Enlow's Glenwood Lady	D	123 Aug	382.8	5.83	22.32		
		153 Sept	29.7	5.83	1.73	1776.4	97.88

WOODRUFF, ROLLIN S., ROLLWOOD FARM, GUILFORD, CONN.

Norma	A	153 Sept	1146.0	3.74	42.86	6837.6	259.23

Knight of Longview 72151—C. H. Stevens to Charles S. Foster, East Burke, Vt.
Kulshan Skagit Chief 74202—Harry W. Bateman to J. H. Henderson, Custer, Wash.
Laddie of Tile Spring Farm 55413—L. A. Yaeger to Blue Earth County Poor Farm, Mankato, Minn.
Laddie's Model 68289—Howard Wilcox to W. J. Gilmore, Hobart, N. Y.
Ladock Pride of Saginaw 69506—George J. Hicks to A. R. Knowles, Kingston, Mich.
Lady Sylvia's Prince of New Good Hope 75661—Fred C. Hansen to Martin Christensen, Morris, Wis.
Lalla's Prince 58845—Albert L. Hyzer to William Bath, Schaller, Iowa
Langwater Cyclop 38326—Lowell Gable to William F. Gable, Wyebrooke, Pa.
Lassie's King Victor 57503—L. H. Williams to Louis Rider, Mauston, Wis.
Lauder B. 72731—James Logan Fisher to Effingham B. Morris, Bristol, Pa.
Le Franklin 74402—H. G. Haskell to William Cloud, Newark, Del.
Lily's Blossom 68909—J. L. Gourley to Homan & Heatherington, Prescott, Iowa
Lily's Sultan 74478—John Pritchard to William E. Harrington, Hutchinson, Minn.
Lily's George of Walnut Ridge 75627—George S. Love & Sons to August Busse, Waukesha, Wis.
Lochabar Prince 75880—F. F. Littlefield to Charles Reeves, Lake, Mich.
Lombardy's Demonstrator 75748—Saunders & Myers to J. G. Whitehead, Chatham, Va.
Lord George of Rugby 70911—Thomas L. Rosser, Jr., to George R. B. Michie, Charlottesville, Va.
Lowell of Verdun 74351—E. L. Leppen to C. M. Boe, Iola, Wis.
Lucky Boy of Fairview 63466—C. G. Kneller to William Hill, Bucyrus, Mo.
Lucky Star's Raider of Allora Farms 71629—Walter C. White to O. A. Bartlett & Son, Thompson, Ohio
Mabel's Duke of Maple Square 63915—E. C. Dickson to De Van Beardsley, Columbia Cross Roads, Pa.
Major of Cobblestone Farm 75103—F. G. Benham to Stuart Kinde, Canandaigua, N. Y.
Marine of Midvale 61108—George E. Schumacker to Mrs. J. R. Taylor, Dubuque, Iowa
Markham's Knight 59017—G. W. Allen to O. A. Braner, Jacksonville, Ill.
Marshall of El Mere 71615—George E. Richardson to W. S. Merrill, Winnebago, Minn.
Marshall of Rock Hill 75740—E. E. Tarbet to A. C. McClay, Bridgeport, Ohio
Masher Rockstone of Meadow Springs 75896—F. Howard Slayton to Aldice Clary, Port Byron, N. Y.
Mate of Village View 75893—E. M. Fitzmaurice to John Kasuboskie, Berlin, Wis.
Mavis Laurel 74932—J. A. McComb to M. E. Ewing, Madill, Oklahoma
Maxim's Bonnie Boy of Dassel 70876—E. E. McGrew to Anton M. Wollen, Starbuck, Minn.
Maxim's Bright Eye of Dassel 70877—E. E. McGrew to E. C. Cook, Minneapolis, Minn.
Maxim's Buttercup of Dassel 70882—E. E. McGrew to J. T. Jorgenson, Hayti, S. Dak.
Max of Maplewood Farm 75884—Walter B. Allen to Mrs. A. W. Tarbell, Chester Depot, Vt.
May Rose King of El Mere 66483—George E. Richardson to R. A. Hatch, Ogilvie, Minn.
May's May King of Glenwood of Ingleside 39332—M. E. Battles to Ohio State University, Columbus, Ohio
Meadow-Gold Dominant 73339—W. S. Ormston to H. R. Curtis, Lyons, Mich.
Meadow-Gold Larry 73340—W. S. Ormston to J. C. Greene, Saint Johns, Mich.
Meadow-Gold Marshall 72535—William S. Ormston & Sons to Richard Hull, Cloverdale, Mich.
Meadow-Gold Marvin 73338—W. S. Ormston to S. F. Gates, Ionia, Mich.
Meadow-Gold Master 72534—W. S. Ormston & Sons to L. L. Lawrence & A. D. Aldredge, Decatur, Mich.
Meadow-Gold Milkmaid's Boy 75702—William S. Ormston & Sons to Fred C. Holbeck, Long Lake, Mich.
Meadow-Gold Oliver 75703—W. S. Ormston & Sons to H. B. Wilcox, Lansing, Mich.
Meadow-Gold Paul 75701—William S. Ormston & Sons to Clement Chalker, Bancroft, Mich.
Meadow-Gold Valiant 73337—William S. Ormston & Sons to Patterson Bros., Kalamazoo, Mich.
Meadowland Butter Boy 73844—B. Austin Cheney & Walter A. Cook to R. D. Hutchins, Northwood Ridge, N. H.
Mignot's Beautiful Lad of Dassel 70879—E. E. McGrew to Alof Holt, Hayti, S. Dak.
Milla's Laddie of Brock Hill 49290—Levi Whitman to L. M. Kinsley, West Corinth, Vt.
Minnehaha May Rose Sequel 72174—University of Minnesota to Albert F. Monick & Irvin A. Frohmade, Oakdale, Wis.
Mixter Huron 75803—Est. George Mixter to Vermont Marble Company, Proctor, Vt.
Mixter Revelation 75817—Est. George Mixter to Granby Farm Co., Granby, Conn.
Mixter Seneca 75804—Est. George Mixter to Kenneth B. Pope, Canterbury, N. H.
Mixter Titan 75810—Est. George Mixter to John R. Dickey & Son, Bristol, Va.

Monarch of Bonnie Doon 74617—Walter Alexander to J. D. Shortt, Harley, Wis.
Naig 72730—James Logan Fisher to Henry McKean Ingersoll, Spring House, Pa.
Naomi's King of Waukesha 58573—W. H. Evans to Fred C. Smith, Mukonago, Wis.
Ned Hayden of Prairie Hill 75894—E. A. Goodlin to J. H. Snyder, Arona, Pa.
Ned of Verdun 72912—E. L. Leppen to John Tresners, Iola, Wis.
Nepaul's Spotswood Fernleaf 67732—F. A. Gilbert to Delmont Norton, North New Portland, Me.
Nina's Secret Marose to 75866—Charles J. Wark to Samuel Fitzpatrick, East Burke, Vt.
Oak Ridge Beauty's Columbus 62553—Thomas F. Ryan to R. J. Douglas, Big Island, Va.
Oak Ridge Columbus's Lillie's Columbus 61308—Thomas F. Ryan to J. H. Perry, Lexington, Va.
Oak Ridge Effie's Columbo 69797—Thomas F. Ryan to J. E. Hughes, Waugh, Va.
Oak Ridge George Washington 75869—W. F. Ewers to Thomas F. Ryan, Oak Ridge, Va.
Ophir Prince 63757—L. Clark Hoge to Albert L. Teele, Boynton, Florida
Osseo of Chinquak Park 2d 55912—Joseph Schaubschlager to Christ D. Miller, Tintah, Minn.
Pacific's Elector 69170—Lincoln Merrow to Russel R. Ingels, Potter Valley, Calif.
Pale Argie's Brilliant 75907—Palo Alto Stock Farm to T. L. Carey, Mountain View, Calif.
Paul of Woodcrest 75897—Henry O. Hanson to Oscar Peterson, Spring Valley, Wis.
Pedro of Three Oaks 75624—Henry Skidmore to W. C. Carpenter, Watsonville, Calif.
Peerless Warrior of Suburban Farm 67920—James H. Seaman to Lyndes B. Emerson, Ganesvoort, N. Y.
Pencoyd Duke 75555—T. W. & I. W. Roberts to Theodore Wiedmann, Norristown, Pa.
Pencoyd Rotarian 75560—T. W. & I. W. Roberts to A. P. Corbit, Odessa, Del.
Peter of Cozy Dale 75860—C. Bailey to George Pfaffenbach, Alphus, N. Y.
Peter of Emmerichdale 50565—Joseph Emmerich to Charles Schaefer, Stetsonville, Wis.
Petty's Maxim 66168—L. E. Mattson to Ferdinand T. Peterson, Litchfield, Minn.
Phantam Fallas 75751—H. H. Potter to Alvey Stephey, Waynesboro, Pa.
Pilot Hill of Guerndale 67767—John Fowlie to C. J. Fires, Ogdensburg, Wis.
Pride Anthom of Glade Summit 75902—Walter D. Wark to G. W. Marlott, Tidioute, Pa.
Prince Ito of Eastview 75662—Charles E. Wilbur to William J. Kilmer, Kinderbrook, N. Y.
Prince of Cornell 61488—E. A. Shipple to M. J. Engebritson, New Auburn, Wis.
Prince Thomas of Goldenrod 75837—C. W. Greenfield to R. Smudde, Kaukauna, Wis.
Proud Prince of the Prairie 69199—W. W. Marsh to L. P. Martiny, Chippewa Falls, Wis.
Proud Rilma Boy 75899—Andrew Terpening to D. E. Voorhees, Plainville, N. Y.
Queen of New Place's Alexander 73971—S. M. Carter to T. P. Russell, Hayti, Mo.
Queen's George of Eastview 75906—Charles E. Wilbur to Charles E. Pratt, Schuylerville, N. Y.
Queen's Grant of Oakland 72484—J. H. Moser & Sons to A. L. Werling, Chicora, Pa.
Raymond Cherub of Homestead 66667—W. G. Jamison to W. F. Eckart, Rush Lake, Wis.
Redella's Lad of Springbrook 75737—O. B. Roe to Ernst L. Kaufmann, Sheboygan, Wis.
Red Man of Glencairne 62716—R. H. L. Chichester to C. E. Leiber, Bellfair Mills, Va.
Redpath of Linda Vista 49287—C. M. McConnell to G. W. Herme, Mansfield, Ohio
Richard of Bon Ayre 73858—H. W. Wigman to A. G. Walcott, Coopersville, Mich.
Rita's Lad of Todd's Manor 60217—H. J. Gardner to Jared H. Smith, Interlaken, N. Y.
Rock Maple Duke 70952—Joseph B. Henderson to W. E. Chapman, Pepperell, Mass.
Rose King of Nut Grove Farm 75739—C. A. Stern to R. B. Whitney, Rome, Pa.
Rose Mound Corporal 45010—Frank W. Faulks to George Chambers, Laurel, Oregon
Rosine's Lad of Buckland 75622—Charles T. Wheeler to M. F. Baker, Buckland, Ohio
Rouge's Governor King of Maple Lawn 67813—Joseph N. Schantz to Mrs. Theo. Kowitz, Norwalk, Wis.
Roxy's Prince of Marshfield 75757—W. W. Noll to William F. Krauter, Marshfield, Wis.
Rowan Dixie King 58713—Sydney S. Stabler to F. R. Shaffer, Fincastle, Va.
Royal of Riverdale Farm 68699—Clayton Busse to Michael Bruder, Avon, Ohio
St. Croix Victor 71927—Lloyd Rundell to O. D. Reed, Nye, Wis.
Sequel's Cavalier of Winter Clove 75887—E. Burdette Whitcomb to Wilbur A. Finch, Windham, N. Y.
Shamrock's King of Crestview 75895—Henry M. Giddings to E. M. Leach, Wichita, Kansas
Shamrock's Leader 73355—J. M. Foust & Son to L. P. Wilkins, Sanford, N. C.
Sherwood Boy 75623—W. F. Young to R. C. Gallup, Reedsville, Oregon
Sig Chi of Prospect 67295—W. D. Hoard & Sons to Alvin Parish, Whitewater, Wis.
Spotswood Daisy's Major 75750—W. V. Casey to M. L. Casey, Millersburg, Ohio
Spring Farm Duke 24214—Zenas W. Farrington to J. H. Compau, Walla Walls, Wash.
Squire's Duke of Claremont 73684—L. D. Smith to Homer Fisher, Arcato, Calif.
Sunbeam's King of Braeside 70046—W. H. Taggart to Lawerence Kier, Maquoketa, Iowa
Sunrise Wonder Boy 67492—George Ecker to Daniel French, Fayetteville, N. Y.
Tarbell Farms Mikado 72032—Gage E. Tarbell to Harry C. Loomis, Colden, N. Y.
The Bishop of Honeyville 55734—L. J. Quamme to J. J. Nelson, Camp Douglas, Wis.
Topsy's Prince of Tile Spring Farm 74774—L. A. Yaeger to Theodore Hensel, New Ulm, Minn.
Tranquil Ben 54012—W. R. Waterman to C. T. Bigelow, Royalton, Vt.
Truman of Verdun 72252—E. L. Leppen to Myron Erickson, Iola, Wis.
Tweed River Girl's Giddy Boy 70720—Cramton & Lobdell to Ernest J. Beebe, West Rupert, Vt.
Ultra King of Winter Clover 73405—E. Burdette Whitcomb to Floyd C. Miller, Athens, N. Y.
Ultra May's Cavalier of Winter Clover 75889—E. Burdette Whitcomb to J. J. Rundell, Norton Hill, N. Y.
Ultra's Royal of Edgemere 52784—W. P. Parker to Stubbs & Hyzer, Storm Lake, Iowa
Upland's Pride of Capitol View 69539—E. R. Frissell to W. A. Santo, Deer Creek, Minn.
Verna Glenwood's May King 71676—A. N. Schmit to Arthur H. Peterson & E. L. Leppen, Nelsonville, Wis.
Victor of Hillsdale 66750—A. N. Schmit to C. A. Peterson, Amherst Junction, Wis.
Violet's Noble of Buttonwood 71910—Mrs. William A. Leiber to Roland Comly, Devon, Pa.
Viva's Empire Lad of Willow-wood 74510—W. O. Reith to Olaf Olson, Melville, Oregon
Viva's Foxy Lad of Willow-wood 75558—W. O. Reith to G. A. Svenson, Deep River, Wash.
Warrior of Mount Cherry 75621—Paul Love to Roy H. Parrot, Homesville, Ohio
Warriston's Boy 74285—C. Jared Ingersoll to R. C. Norris, Elk Ridge, Md.
Waseca Major 62451—A. C. & E. S. Wright to C. A. Randall, West Northfield, Mass.
Watchman of Prospect's Don 71062—N. McConachie to Fred C. Hensel, Perham, Minn.
William S. of Covey Farms 75898—J. Jerome Frampton to William Slacum, Federalsburg, Md.
Willowmere Chang 69336—B. F. Salsbury to O. G. Delk, Vienna, Va.
Woodlawn Fillpail's King of Malvern 61182—Mrs. William N. Pratt to Samuel Horner, Malvern, Pa.
Woodlea Milkman 75626—H. S. Dulin to F. E. Keasling, Purcellville, Va.
Woodrow of Maple Side 74605—L. E. Jewett to William Trinker, West Salem, Wis.
Wyebrook Candor 75295—C. L. A. Whitney to Fred Armer, Ballston Spa, N. Y.
Wyebrook Patriot 75294—C. L. A. Whitney to D. M. Ferry, Jr., Detroit, Mich.
Yeoman's Louis of Fairfield 63734—Peter P. Janzen to Peter G. Lohrenz, Butterfield, Minn.

COWS

Abbott Farm Dairy Queen 112529—A. W. Abbott to Everett Tarbox, Hollis Center, Maine
Aimable Fascination of Eldon 112141—Thomas E. Turner to M. Louisa Osborne, Canton, N. C.
Alderney's Beauty of Oak Ridge 72028—Thomas F. Ryan to H. D. Mawyer, Lovingston, Va.
Alsatia Queen of Mapledale 102068—Elmo Daniels to W. C. Cook, Norwich, N. Y.
American Beauty of Pine Valley 97912—Fred Armer to C. L. A. Whitney, Albany, N. Y.
Amme of Woodrow 54147—Samuel H. Halle to Thurman Miller, Baltic, Ohio
Anna Josephine of Belleview 66546—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Apple Tree Alfaretta 77944—B. G. Rolf to Grant M. Enlow, Fairfield, Iowa
Apple Tree Henrietta 77943—B. G. Rolf to Grant M. Enlow, Fairfield, Iowa
Arion's Beda of Elderwood 102729—E. J. Sunderland to Roy Burton, Eagle, Wis.
Baby May's Sequella's Rose 101339—George C. Russell to E. C. Starr, East Claridon, Ohio
Balsam Lassie 113871—St. Louis County Work Farm to G. M. Tallant, Duluth, Minn.
Beauty II. des Rondiaux's King's Dahlia 64684—William S. Ormston & Son to Ed. Eifert, Lansing, Mich.
Beauty of Jessie's May Queen Glenwood 121149—Levi Reasler Jr. to William Spaulding, Vistula, Ind.
Beauty of Pokeberry 83985—P. B. Horst to W. W. Washburne, Geneva, Ohio
Bella of Grands Courtils 123937 (Imp.)—C. W. Barron to E. H. Dorr, Plymouth, Mass.
Bella's Marna Gem 123745—Guy R. Miller to Mrs. J. A. Schmitt, Marshfield, Wis.
Belle Star 40671 (Imp.)—William G. Stellrecht to Robert North, Shell Lake, Wis.
Bessie Jane of West Unity 122202—W. H. Dick to Ray Drake, Montpelier, Ohio
Bessie May of Elderwood 102730—E. J. Sunderland to Roy Burton, Eagle, Wis.
Bess of Valley View 60821—Charles S. Kent to S. E. Snyder, East Akron, Ohio
Bess of Valley View 60821—S. E. Snyder to M. H. Hissen, East Akron, Ohio
Beth of Butternut Brook 101585—John Dove to B. Austin Cheney & Walter A. Cook, Litchfield, Conn.
Betty Beauty 103005—Edward J. Risser to B. M. Harris, Marion, Ind.
Betty May Rose of Crystal Spring 119416—John P. Rowe to George W. Osborne, Gonic, N. H.
Betty of Cicero 66286—Bert Pope to Math Banovetz, Willard, Wis.
Betty of Falcon's Flight 51285—John Dove to B. Austin Cheney & Walter A. Cook, Litchfield, Conn.
Betty of Wannoe Farm 106360—John Platt to Edward F. Gleason, Hyannis, Mass.
Blossom of Walnut Hill Farm 72608—Clayton Busse to Ohio State University, Columbus, Ohio
Bob's Hambro's Bonnie 88102—Carl T. Knutson to Edgewater Stock Farm, Fort Atkinson, Wis.
Bonita of Oak Acres 124287—Fred C. Gleason to Miriam & Hope Millar, North Liberty, Ind.
Bonnie Bell of Claremont 120531—L. D. Smith to Homer & Fisher, Arcata, Cal.
Boody Right 39427—George E. Finch to C. H. Shove, West Cheshire, Conn.
Braye Daisy Sydna 64777—Burg Bros. to V. Bach, Wagner, Wis.
Brookbound Lady Lawrence 114861—R. M. Macintosh to Robert Gould Shaw 2d, Newton Center, Mass.
Brookmead's Dolly 97573—Frank Graham Thomson to Webster Griffith, Evensburg, Pa.
Brookmead's Morning Glory 97574—Frank Graham Thomson to Miss Eugenia K. Cassart, Berwyn, Pa.
Buttercup's Empress 123762—Spencer Kellogg to Fred W. Bond, Ransomville, N. Y.
Buttercup's Lady of Sunnyside 46192—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Buttercup's Pride of Valley View Farm 97315—H. J Gardner to Jared H. Smith, Interlaken, N. Y.
Capricious Empress 69071—J. A. Hampson to Harlan S. Grant, Westbrook, Maine
Carmen of Eastview 104534—Charles E. Wilbur to William J. Kilmer, Kinderhook, N. Y.
Carrefour Redina 85193 (Imp.)—Sever Anderson to Jesse M. Cram, Jamestown, N. Dak.
Celia of Riverview 63739—H. J. Gardner to Jared H. Smith, Interlaken, N. Y.
Celia's Snipnose Beauty 107575—H. J. Gardner to Jared H. Smith, Interlaken, N. Y.
Charter's Noble Fanny 101011—Harold A. Frankenfield to William F. Fretz, Pipersville, Pa.
Chief's Princess Patricia 40954—George E. Schumacher to Mrs. J. R. Taylor, Dubuque, Iowa
Cinda Prue of South Street 67842—F. D. E. Stowe to Edwin P. Lindsay, Bridgewater, N. H.
Claribell Nerio 100908—Erwin Bros. to E. S. Burke, Jr., Chagrin Falls, Ohio
Clara of Delmar 113025—Edward J. Bedell to Edward F. Klunke, Delmar, N. Y.
Claremont Lass 106321—L. D. Smith to Silva Brothers, Arcata, Cal.
Cloth of Gold of Littleton 68859—Albert L. Hyzer to William Bath, Schaller, Iowa
Cloverdale Fern 108946—Est. W. H. Allen to John A. Pritzel, Cato, Wis.
Cloverdale Rhoda 110849—Est. W. H. Allen to John A. Pritzl, Cato, Wis.
Cora's Bess of Medford 113534—Clark & Jackson to E. R. Frissell, Hopkins, Minn.
Cora's Bess of Medford 113534—E. R. Frissell to P. C. Schafer, Stillwater, Minn.
Cowslip of Glenallen 123069—Mrs. Francis F. Prentiss to A. S. Buskirk, Independence, Ohio
Crackerjack's June Bride 122798—Harry W. Lewis to David Von Buren, Oshkosh, Wis.
Criterion's Daisy of Rockstone 69660—F. J. Sherman to S. B. Saxon, Schnectady, N. Y.
Crome's Dairymaid of Wanboro 119932—L. R. Crome to L. F. Reed, Olney, Ill.
Crome's Queen Esther 123865—L. R. Crome to L. F. Reed, Olney, Ill.
Daisy Belle's Cherry Girl 122795—Harry W. Lewis to David Von Buren, Oshkosh, Wis.
Daisy Mac Culloch III. 50443 (Imp.)—John Dove to B. Austin Cheney & Walter A. Cook, Litchfield, Conn.
Daisy MacCulloch of Butternut Brook 62368—John Dove to B. Austin Cheney & Walter A. Cook, Litchfield, Conn.
Daisy of Mapleton Spring Farm 124074—James W. Armitage to Wendol J. Morton, Springville, N. Y.
Dame Kricket of Grace 114147—H. J. Phillipi to J. Harlan Grantz, Waynesboro, Pa.
Deasie's Amy of Pine Hill 113555—E. A. Black & Sons to Henry Neff, Comins, Mich.
De Witt Girl's Valentine 64388—James C. Ranney to H. W. Wigman, Lansing, Mich.
Diana of Monapacataca 116202—Harry R. Crook to H. D. Crook, Ripon, Wis.
Dollie Urira 29038—Charles F. Post to Daniel T. Moscript, Walton, N. Y.
Dolly Doree 123752—C. A. Wright & Son to Walter Putnam, Troy, Pa.
Dolly of Clovermead 35283—M. G. Scofield to M. M. Archdale, Chisago City, Minn.
Dolly of the Villocq 94703 (Imp.)—John McCormack to Herbert J. Brown, Portland, Maine.
Dolly Varden of Willowdale 72103—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Dolomite of Wannoe Farm 124286—John Platt to Edward F. Gleason, Hyannis, Mass.
Donna Rose of Willowdale 99251—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.

Donnington Beauty of Green Acre 124251—John A. Miller to Nazareth Hall Military Academy, Nazareth, Pa.
Don's Daisy fo Willowdale 99250—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Dora of Godaines 119633 (Imp.)—John McCormack to Cyril Crimmins, Noroton, Conn.
Dorris of White Rock 29438—J. A. Hampson to Martin Mikkelson, West Falmouth, Maine
Dot's Golda of Arrow Farm 123247—John S. Pettys to Allen Hayner, Troy, N. Y.
Duchess A. of Bristol Valley 96411—William R. Andrews to J. Lewis Collins, Aurora, N. Y.
Duchess B. of Bristol Valley 96412—William R. Andrews to J. Lewis Collins, Aurora, N. Y.
Dutchess of Atwood's Dairy 118562—Fst. C. D. Atwood to Harry D. Burpee, Bristol, N. H.
Edel of Ri er View 124076—John Fowlie to C. J. Fries, Ogdensburg, Wis.
Edgewood Primula 124309—A. G. Stone to Orra M. Rhodes, Etna, N. Y.
Elite of Mapleton Spring Farm 124073—James W. Armitage to Wendol J. Morton, Springville, N. Y.
Elm Row Namouna 69940—G. W. & H. G. Ray to George J. Hicks, Saginaw West Side, Mich.
Eloise of Jean Du Luth 93876 (Imp.)—Albert Johnson to L. Jensen, Clearbrook, Minn.
Elsie P. 51952—J. B. Cannon to James W. Hagar, Westfield, Mass.
England's Orange 53956 (Imp.)—Edward J. Bedell to George B. Ceagan, Ravena, N. Y.
Enola's Lady Helen 49135—M. E. Battles to A. B. Smythe, Cleveland, Ohio
Erica of Sarnia 65397 (Imp.)—Ernst L. Kaufmann to Herman Schwartz, Sheboygan, Wis.
Esquire's Ramona 104515—Carl S. Wertz to A. P. Warren, Elizabeth, Pa.
Estella of Valley View 96287—D. M. Dixon & Sons to C. W. Wilcox, Des Moines, Iowa
Estella of Valley View 96287—C. W. Wilcox to Hans J. Schmidt, Cedar Falls, Iowa
Estelle's Legacy 120114—Edward A. Rile to J. Alan Middleton, Ambler, Pa.
Evora of Southwood Park Farm 116442—Fred Suckow to J. N. Dunbar, Columbus, Kansas
Fair Breeda's Daisy 36273—Charles F. Post to John Miller, Walton, N. Y.
Fair Columbia of Oaklawn 80614—John T. McKnight to Buell T. Holcomb, West Simsbury, Conn.
Fairy of Anna Dean Farm 53215—Harry W. Lewis to David Von Buren, Oshkosh, Wis.
Faithful of Spring Brook 88604—W. D. Pattee to D. J. Pattee, Waupun, Wis.
Fanny's Pride of Mol Kiah 12394 (Imp.)—C. W. Barron to F. H. Dorr, Plymouth, Mass.
Fantine's Pride 71196—Harry W. Lewis to David Von Buren, Oshkosh, Wis.
Fern of Pine Ridge 124071—Edgar S. Payne to Harold Putnam, Prattsburg, N. Y.
Fern Yelsa of Hathaway 77111—F. C. Hathaway to J. S. Yoder, Wooster, Ohio
Fern Yelsa of Hathaway 77111—J. S. Yoder to F. J. Miller, Chardon, Ohio
Fleurette of Riverside Farm 36286—Lowell Gable to George W. St. Amant, Boston, Mass.
Florida Girl 124249—Robert Gould Shaw 2d to A. A. Geitgey, Glen Saint Mary, Fla.
Florida Rose 123250—Robert Gould Shaw 2d to A. A. Geitgey, Glen Saint Mary, Fla.
Flossie Cowan 62547—Carl S. Wertz to A. P. Warren, Elizabeth, Pa.
Flossie of Winnebago 97302—Edgar W. Burg to F. J. Rueping, Fond du Lac, Wis.
Fornella of South Street 70491—F. D. F. Stowe to Edwin P. Lindsay, Bridgewater, N. H.
France's Lilly 2d 100598—George C. Russell to F. B. Black, Mansfield, Ohio
Frances Orange 78176—Edward J. Bedell to George B. Ceagan, Ravena, N. Y.
Freda's Butter Cup 101505—Edward Risser to Walter White, Syracuse, Ind.
Freda's Victory 98668—Edward J. Risser to Walter White, Syracuse, Ind.
Gaiety of South Street 2d 93363—F. D. F. Stowe to Edwin P. Lindsay, Bridgewater, N. H.
Gawaine of Avalon 124291—Robert S. Brewster to James F. Palmer, Bedford, N. Y.
Gemsie O. K. 51404—Rob R. McNagny to John S. Candler, Atlanta, Ga.
Geoffrey's Iona 54942—John Dove to B. Austin Cheney & Walter A. Cook, Litchfeld, Conn.
Georgiana of Maple Glen 33035—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Gladness of Southwood Park Farm 92922—Fred Suckow & Son to J. W. Thrall, Fickett, Wis.
Glenola Satisfax 97452—Edward J. Risser to B. M. Harris, Marion, Ind.
Glenwood Boy's Flossie 97348—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Glenwood Boy's Princess 97347—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Glenwood Girl Fanny 120110—C. E. Ingersoll to Lowell Gable, Paoli, Pa.
Glenwood Girl of Sun Set View 123742—F. M. Lewis to J. E. Peterson & G. R. Miller, Weyauwega, Wis.
Glenwood Girl of the Valley 53583—F. M. Lewis to J. E. Peterson & G. R. Miller, Weyauwega, Wis.
Glenwood's Girl's Sarah 120107—C. E. Ingersoll to Lowell Gable, Paoli, Pa.
Glorious's Agnes 40867—J. G. Seward & Son to J. G. Seward, Jefferson, Wis.
Golddust's Lizziemont C. 88735—Fst. H. M. Clark to H. T. Praynard, Orford, N. H.
Golden Buttercup of Pi erview 60686—H. J. Gardner to Jared H. Smith, Interlaken, N. Y.
Golden Glow's Lady Linden 101075—Powers Bros. to Harry Goneau, Owen, Wis.
Golden Jessie of Iowanola 63771—Miss L. M. Swope to Jesse Henricksen, Arthur, Iowa
Golden Maid of High Point 114049—Jules Breuchaud to Clarence H. Mackay, Roslyn, N. Y.
Golden's Corina 97460—Harry W. Lewis to John Miellie, Winneconne, Wis.
Golden Velvet Marshall 124281—J. A. Hampson to Harlan S. Grant, Westbrook, Maine
Goldseeker's Daisy Belle of A. D. F. 71453—John McCormack to George P. McLean, Simsbury, Conn.
Governor's Primrose of A. D. F. 71788—Harry W. Lewis to David Von Buren, Oshkosh, Wis.
Governor's Wish of Keewaydin 60891—E. J. Andrews to A. B. Smythe, Cleveland, Ohio.
Governor's Wish of Keewaydin 2d 116591—E. J. Andrews to A. B. Smythe, Cleveland, Ohio
Griswold's Mary Lib 36906—Carl Sorenson to Ole Moberg, Greenwood, Wis.
Guernest Honey 82036—F. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Harvest Sweet of Far iew 61767—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Hazelbrook Golden Duke's Sequel 44833—W. J. Royer to Emmet Steiner, Orrville, Ohio.
Hazelbrook Golden Duke's Sequel 44833—Emmet Steiner to F. J. Miller, Chardon, Ohio
Hazel of Wasteland 51962—Thomas Owens to Claus Carlson, Two Harbors, Minn.
Hazel Rose of Willowdale 76750—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Hazel's Polly 124077—Thomas Owens to Claus Carlson, Two Harbors, Minn.
Helen of Plainview 108668—Charles Roberts to R. A. Stewart, Darien Center, N. Y.
Helen's Mayfeld Jane 101689—M. E. Battles to W. T. White, Chagrin Falls, Ohio
Helma of Valley View Farm 85394—H. J. Gardner to Jared H. Smith, Interlaken, N. Y.
Helma's Peach of Valley View Farm 121654—H. J. Gardner to Jared H. Smith, Interlaken, N. Y.
Honey Suckle of Sidley Guernsey Farm 124310—J. H. Sidley to Walter C. White, Gates Mills, Ohio
Hope of Hidden Valley 82487—Palo Alto Stock Farm to H. O. Mohler, Pipon, Cal
Hope's Dollie 101004—George H. Williard & Son to J. W. Hausen, Benkelman, Nebr.
Innocence of Sarnia 87745—John Fowlie to C. J. Fries, Ogdensburg, Wis.
Iola's Molly of Pleasant View 84760—Otto Gehres to Julius Friedly, Conroy, Ohio
Isoult of Forest Hill 2d 120106—C. E. Ingersoll to Lowell Gable, Paoli, Pa.
Itchen's King's Dairy Maid 119204—S. W. Miller to V. Everit Macy, Ossining, N. Y.
Itchen's King's Red Rose 120800—S. W. Miller to V. Everit Macy, Ossining, N. Y.
Jacqueminot's Loretta 90563—C. M. McConnell to G. W. Henne, Mansfeld, Ohio
Jacqueminot's Miss Darthea 80636—C. M. McConnell to G. W. Henne, Mansfeld, Ohio
Jacqueminot's Polly Ann 90571—C. M. McConnell to G. W. Henne, Mansfeld, Ohio
Jacqueminot's Susanna 90572—C. M. McConnell to G. W. Henne, Mansfeld, Ohio
Jane Primrose 108123—J. M. Williams to Charles F. Alber, Saline, Mich.
Janette Sylvia of Oaklawn 67469—John T. McKnight to Buell T. Holcomb, West Simsbury, Conn.
January Rose of Valley View Farm 119491—H. J. Gardner to Jared H. Smith, Interlaken, N. Y.
Jeannette's Julia 122360—George H. Miller to C. Vorderbruggen, Wadena, Minn.
Jean of Clover Hill 76536—Zenas W. Farrington to J. H. Compau, Walla Walla, Wash.
Jessie of Falmouth 81595—Frank Richards to Clayton H. Soule, Freeport, Maine
Jollity Patterson 31403—Daniel Krummer to W. E. Weigle, Euclid, Pa.
June Sylvia 60837—John T. McKnight to Buell T. Holcomb, West Simsbury, Conn.
Kara of Brookside 83015—Howard B. Bomberger to Hynicka Bros., Lebanon, Pa.
Katydid's Czarina 114803—A. J. Owens to John S. Candler, Atlanta, Ga.
Katy Edith 114145—H. J. Phillippi to J. Harlan Frantz, Waynesboro, Pa.
Kedge Anchor of Brookdale Farm 100314—Ralph Tratt to L. G. Johnson, Whitewater, Wis.
Killarney Annie 110170—Rob R. McNagny to John S. Candler, Atlanta, Ga.
King Bishop's Lady of Brookside 37863—E. & E. Kronholm to Percy Cutter, Arpin, Wis.
King of the May's Itchen Daisy 3d 98300—M. M. Van Beuren to Robert Gould Shaw 2d, Newton Center, Mass.
King of the May's Itchen Daisy Bloom 54676—M. M. Van Beuren to Robert Gould Shaw 2d, Newton Center, Mass.
King's Maud 74043—Samuel I. Murphy to Ward W. Reese, Salt Lake City, Utah
King's Polly Ann Bell 90203—W. J. Royer to Emmet Steiner, Orrville, Ohio
King's Polly Ann Bell 90203—Emmet Steiner to A. B. Smythe, Cleveland, Ohio
King's Ruth 74045—S. I. Murphy to Ward W. Reese, Salt Lake City, Utah
Kitchenerett of Palmhurst 84915—Elliott-Bran-Rancho to Grover T. Garland, Los Angeles, Cal.
Kitty Wells of Iva 114149—H. J. Phillipi to J. Harlan Frantz, Waynesboro, Pa.
Kizzie of Fern 114146—H. J. Phillippi to J. Harlan Frantz, Waynesboro, Pa.
Kulshan Comely Rose 95532—Harry W. Bateman to Dan W. Bass, Seattle, Wash.
Kulshan Lady Preel 120375—Harry W. Bateman to Dan W. Bass, Seattle, Wash.
Kulshan Navajo Queen 119708—Harry W. Bateman to Dan W. Bass, Seattle, Wash.
La Belle Fay of Woodlea 124312—Eugene Howell to H. S. Dulin, Leesburg, Va.
Laddie's Belle of Maple Glen 111275—E. B. Cadwell to John G. Van Etten, Kingston, N. Y.
Laddie's Nicety 120934—E. B. Cadwell to John G. Van Etten, Kingston, N. Y.
Lady Belle of Maple Glen 54337—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Lady Dash 84082—Albert F. Olson to J. A. Clementson, Amherst Junction, Wis.
Lady Emogene of Elderwood 101714—E. J. Sunderland to Roy Burton, Eagle, Wis.
Lady Estella 124253—Robert Stoll to George Muehleisen, Cochrane, Wis.
Lady Gazelle VII. 50415 (Imp.)—John Dove to B. Austin Cheney & Walter A. Cook, Litchfield, Conn.
Lady Gazelle of Butternut Brook 79882—John Dove to B. Austin Cheney & Walter A. Cook, Litchfeld, Conn.
Lady Helen's Mayfield Countess 112566—M. E. Battles to Thurman Miller, Baltic, Ohio
Lady Laurel of South Street 61666—F. D. E. Stowe to Edwin P. Lindsay, Bridgewater, N. H.
Lady Margaret of Blue Ridge 88925—B. H. Welty Weber, Maugansville, Md.
Lady Margaret of Blue Ridge 2d 104066—B. H. Welty to H. B. Weber, Maugansville, Md.
Lady Margaret of Maple Grove 94900—J. W. Grute to Willert S. Greer, Milledgeville, Pa.
Lady May of Baw Besse Farm 102249—J. M. Williams to Charles F. Alber, Saline, Mich.
Lady Chackleton of Mol Kiah 123938 (Imp.)—C. W. Barron to E. H. Dorr, Plymouth, Mass.
Lady's New Year's Greeting 107574—H. J. Gardner to Jared H. Smith, Interlaken, N. Y.
Langwater Ida 66268—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Lass of Maple Lawn Farm 121703—Charles Frank Bagdziunas to Amos C. Spaulding, Buchanan, Mich.
Laura of Owasco Lake 53133—M. E. Battles to John A. Penton, Cleveland, Ohio
Laura of West Unity 102119—W. H. Dick to Ray Drake, Montpelier, Ohio
Laura's Mayfeld Girl 78596—M. E. Battles to W. W. Washburne, Geneva, Ohio
Lavinia of the Courtils 78925 (Imp.)—Fred Suckow & Son to F. J. Rueping, Fond du Lac, Wis.
Leading Lady of Riverview 73254—H. J. Gardner to Jared H. Smith, Interlaken, N. Y.
Ledyard's Mayfield Lady 83273—M. E. Battles to Joakim Johnson, Madison, Ohio
Ledyard's Winona 49134—M. E. Battles to George W. Herbster, Madison, Ohio
Legacy's Jewel 120112—C. E. Ingersoll to Lowell Gable, Paoli, Pa.
Legacy's Mar's Beauty 124252—Owen Wertz to E. N. Lydick, Indiana, Pa.
Lela of Edith 124315—H. J. Phillippi to J. Harlan Frantz, Waynesboro, Pa.
Leota of Jean 117372—Zenas W. Farrington to J. H. Compau, Walla Walla, Wash.
Lily of the Valley of Mara Alva 75328 (Imp.)—A. C. Ramseyer to W. J. Ramseyer, Smithville, Ohio
Lily of the Valley of Mara Alva 75328 (Imp.)—W. J. Ramseyer to J. U. Sugart, Marion, Ind.
Linden Lass of Harbor Hill 65958—William Flinn to Clarence H. Mackay, Roslyn, N. Y.
Lois of Oakhurst 45298—John Dove to B. Austin Cheney & Walter A. Cook, Litchfield, Conn.
Louisa of Franklind 50242—W. S. Ormston to E. A. Stockwell, Charlotte, Mich.
Louisa of Oakdale 46128—E. R. Frissell to Fred S. Child, Hopkins, Minn.
Louise of Fannie 124314—H. J. Phillippi to J. Harlan Frantz, Waynesboro, Pa.
Luella Colore of Meadow Springs 98653—F. Howard Slayton to Charles Hornburg, Ira, N. Y.
Lynette of Avalon 45984—Robert S. Brewster to James F. Palmer, Bedford, N. Y.
Mabel of Clover Crest 43977—William S. Ormston & Son to Hugh Wilton, Clarkston, Mich.
Ma Carriere Nellie 121050 (Imp.)—C. W. Barron to F. H. Dorr, Plymouth, Mass.
Madgeline Rose of Willowdale 99247—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Madge of Wasteland 60417—George H. Williard & Son to J. W. Hausen, Benkelman, Nebr.
Madge of Willowdale 68048—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Madge's Rose of Plank-Road Farm 113462—George H. Williard & Son to J. W. Hausen, Benkelman, Nebr.
Maggie of Willowdale 84849—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Magna Dolly of Bellview 60927—F. Howard Slayton to Wallace Manroe, Red Creek, N. Y.

Magnet's Pride 39494—Wyman R. Hoagland to Mason Morris, Plains, Mont.
Maisie of River View 97544—D. E. Voorhees to C. W. Wilcox, Des Moines, Iowa
Maisie of River View 97544—C. W. Wilcox to Charles Dengler, Davenport, Iowa
Manoa's Queen of Woodside Hall 76459—Simon L. Downey to R. S. Dillon, Hancock, Md.
Manomet's Lady 65421—John Platt to Edward F. Gleason, Hyannis, Mass.
Mapledell 91467—Albert L. Hyzer to Angier Ira, Storm Lake, Iowa
Maple Glen Jessie 71775—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Marcia Benedict 86960—C. D. Pratt to Fred G, Bitzer, Bernardston, Mass.
Marietta of Walnut Hill Farm 77299—Clayton Busse to Frank Hoak, Cleveland, Ohio
Marie Yeksa 86281—Bert Pope to Math Banovetz, Willard, Wis.
Marjorie Maud of Mara Alva 89984—Lowell Gable to William F. Gable, Wyebrooke, Pa.
Marjorie Maud of Mara Alva 89984—William F. Gable to Ward W. Reese, Salt Lake City, Utah
Marshall's Shady 2d 124313—Harry A. Jones & Brother to Charles B. Orndoff, Waynesburg, Pa.
Marsh Marigold 51232—John T. McKnight to Buell T. Holcomb, West Simsbury, Conn.
Mary Pickford of Mara Alva 89985—Lowell Gable to William F. Gable, Wyebrooke, Pa.
Mary Pickford of Mara Alva 89985—William F. Gable to Ward W. Reese, Salt Lake City, Utah
Master Key's Mary 123760—Winston-Salem Live Stock & Dairy Co., Inc., to J. A. Sink, Winston-Salem, N. C.
Maudetta's Maud 123748—John Shantz to Harold A. Holdridge, Marion, Ohio
Maudie of West Unity 122203—W. H. Dick to Ray Drake, Montpelier, Ohio
Maud of Bessie 98944—John Mack to Armin W. Mack, New Ulm, Minn.
May Blossom of Tarbell Farms 75736—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Mayfield Lass' May 112582—M. E. Battles to Ohio State University, Columbus, Ohio
May King's Rose of Arrow Farm 91562—John S. Petteys to T. P. Lindsay, Southboro, Mass.
May King's Village Lady 102034—Walter C. White to E. S. Burke, Jr., Chagrin Falls, Ohio
May of Broad Vista 69551—A. W. Abbott to E. D. Cotton, Hollis Center, Maine
May's Queen Trink 30906—Est. E. T. Howard to H. C. & E. B. McCamon, Lisbon, Ohio
Meadowbrook's Matty 115644—C. M. Worley to R. C. Finney, Mercer, Pa.
Meadow Brook Spot 105071—C. M. Worley to R. C. Finney, Mercer, Pa.
Meadow-Gold Delight 118343—W. S. Ormston to Bertrand Young, Charlotte, Mich.
Meadow-Gold Dolly 118346—W. S. Ormston to L. L. Lawrence & A. D. Aldredge, Decatur, Mich.
Meadow-Gold Luella 118349—W. S. Ormston & Sons to Frank Musson, Howell, Mich.
Meadow-Gold Margaret 118345—W. S. Ormston to L. L. Lawrence & A. D. Aldredge, Decatur, Mich.
Meadow-Gold May 118353—W. S. Ormston & Sons to F. D. Horning, Armada, Mich.
Meadow-Gold Melotte 95225—W. S. Ormston to Bertrand Young, Charlotte, Mich.
Meadow-Gold Merna 124002—W. S. Ormston to Hoyt Woodman, Lansing, Mich.
Meadow-Gold Midget 58356—W. S. Ormston & Son to Hugh Wilton, Clarkston, Mich.
Meadow-Gold Milkmaid 58357—W. S. Ormston & Sons to Fred C. Holbeck, Long Lake, Mich.
Meadow-Gold Myra 97391—W. S. Ormston to R. A. Holmes, Grand Rapids, Mich.
Meadow-Gold Myrtie 124003—W. S. Ormston to Cecil H. Loomis, Jackson, Mich.
Meadow-Gold Oriole 118350—W. S. Ormston & Sons to Elmer E. Swan, Ithaca, Mich.
Meadow-Gold Panama 118351—W. S. Ormston & Son to F. E. Scott, Charlotte, Mich.
Meadow-Gold Princess Pat 124004—W. S. Ormston & Son to F. E. Scott, Charlotte, Mich.
Meadow-Gold Rosaline 118355—W. S. Ormston & Son to Elmer E. Swan, Ithaca, Mich.
Meadow-Gold Una 118352—W. S. Ormston & Sons to Fred C. Holbeck, Long Lake, Mich.
Meadow's Legacy 120109—Edward A. Rile to J. Alan Middleton, Ambler, Pa.
Medora's Welcome of Shagbark 111276—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Melba May of Edgemere 67948—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Melvina's Queen of Oakdale 124304—J. N. Ranes to Ruth Tunstall, Chase City, Va.
Memory of South Street 110955—F. D. E. Stowe to Charles A. Chilson, North Adams, Mass.
Mert of Heweshurst 106563—E. B. Hewes to A. M. Armour, Castile, N. Y.
Middledale Norma 63944—Zenas W. Farrington to J. H. Compau, Walla Walla, Wash.
Milkmaid of Beaver Ridge 72383—Frank H. Beall to F. H. & J. L. Beall, Linwood, N. C.
Milly's Gold Maid 98550—Amasa J. Pletcher to Ora Kauffman, Millersburg, Ind.
Minerva of Edgemoor 110698—Lowell Gable to George W. St. Amant, Boston, Mass.
Minnette Rose of Lincoln Way 71817—A. C. Ramseyer to Lowell Gable Wyebrooke, Pa.
Minnette Rose of Lincoln Way 71817—Lowell Gable to WilliamF. Gable, Wyebrooke, Pa.
Minnette Rose of Lincoln Way 71817—William F. Gable to Ward W. Reese, Salt Lake City, Utah
Miss Georgia of Mountorne 63032—C. D. Schlavach to A. C. Ramseyer, Smithville, Ohio
Miss Georgia of Mountorne 63032—A. C. Ramseyer to Lowell Gable, Wyebrooke, Pa.
Miss Georgia of Mountorne 63032—Lowell Gable to William F. Gable, Wyebrooke, Pa.
Miss Georgia of Mountorne 63032—William F. Gable to Ward W. Reese, Salt Lake City, Utah
Miss Gladys of Mountorne 63033—C. D. Schlabach to A. C. Ramseyer, Smithville, Ohio
Miss Gladys of Mountorne 63033—A. C. Ramseyer to Lowell Gable, Wyebrooke, Pa.
Miss Gladys of Mountorne 63033—Lowell Gable to William F. Gable, Wyebrooke, Pa.
Miss Gladys of Mountourne 63033—William F. Gable to Ward W. Reese, Salt Lake City, Utah
Miss Jennie Wren 64231—Walter Matthys to V. C. Johnson Bros., Dinsmore, Fla.
Miss Teddy of Hope Farm 123935—H. B. Douglas to Theodore Plaster, Ferndale, Wash.
Miss May Rose Ultra of Suburban Farm 118549—James H. Seaman to W. P. Parker, Moravia, N. Y.
Mittens 36028—Robert S. Brewster to James F. Palmer, Bedford, N. Y.
Mixter Alta Dean 73201—Est. George Mixter to William C. Child, Woodstock, Conn.
Mixter Demonstrator's Glen 124207—Est. George Mixter to Granby Farm Co., Granby, Conn.
Mixter Farm Daisy 124232—S. J. Mixter to Est. George Mixter, Hardwick, Mass.
Mixter Humming-Bird 101627—Est. George Mixter to J. Arthur Gage, Lowell, Mass.
Mixter Queen of Hardwick 62966—John McCormack to Herbert J. Brown, Portland, Maine
Mixter Sunset 101650—Est. George Mixter to Edward Wigglesworth, Boston, Mass.
Mixter Vesta Dean 79730—Est. George Mixter to Edward Wigglesworth, Boston, Mass.
Modest of Elk Meadow 106505—John F. Stallman to O. G. Malison, Jim Falls, Wis.
Mollie Granger 48241—F. D. E. Stowe to Charles A. Chilson, North Adams, Mass.
Mollie of Ayersdale 95615—Joseph Fetscher to Arthur F. Fetscher, Stevensville, Mont.
Monarch's Bell Jewel 97349—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Monarch's Princess 104939—W. M. Pace to W. J. Mathis, Durand, Wis.
Moonlight of Rosendale 22951—Milo Niles to J. E. Felland, Mauston, Wis.
Moonlight's Dairymaid of Lone Acre 102049—Milo Niles to J. F. Felland, Mauston, Wis.
Moorland's Pearl 112268—E. A. Moore to S. D. Parker, Boston, Mass.
Moppet 36029—Robert S. Brewster to James F. Palmer, Bedford, N. Y.
Morna of Windover 124296—M. K. Stroud to R. B. Wildman, Leesburg, Va.
My Own Jean Anderson of Meadow-Ridge 124298 J. C. Donnelly to Guy Anderson, Ogdensburg, Wis.
Myra Marshall Nicolin 52300—A. W. Abbott to E. D. Cotton, Hollis Center, Maine
My Rose Anna 92115—John H. Lancaster to Malbon Brothers, Skowhegan, Maine
Mysie of Linda of Claremont 120528—L. D. Smith to Homer Fisher, Arcata, Cal.
Mysie's Betty of Claremont 102526—L. D. Smith to Homer Fisher, Arcata, Cal.
Natalina 34069—Robert S. Brewster to James F. Palmer, Bedford, N. Y.
Nellie Dean of Meadow Springs 112366—F. Howard Slayton to L. E. Palmer, Framingham, Mass.
Nellie of Highland Stock Farm 84936—Hans Aslakson to A. C. Pederson, Cato, Wis.
Neta of Manomet 70444—John Platt to Edward F. Gleason, Hyannis, Mass.
New Year's Queen of Lu-Alyn 82141—C. M. McConnell to G. W. Henne, Mansfield, Ohio
Nicolette of Wharton Farm 120105—C. E. Ingersoll to Lowell Gable, Paoli, Pa.
Oakland Lass 58884—T. C. Norman to F. J. Rueping, Fond du Lac, Wis.
Ola of the Elms 59122—W. S. Ormston & Sons to Fred C. Holbeck, Long Lake, Mich.
Olga's Queen of The Twilight 121896—D. H. Waggoner to Laverne Sundholm, Metropolitan, Mich.
Pansy of Prairie Mound 39794—W. S. Ormston & Son to Harry Graham, Bancroft, Mich.
Patience of Flying Hill 98100—Miss Caroline Archer to Henry Seidel, Esterly, Pa.
Pauline's Lass of A. D. F. 61884—Harry W. Lewis to David Von Buren, Oshkosh, Wis.
Pearl of Maple Glen 36949—L. L. Coggshall to E. S. Savage, Ithaca, N. Y.
Peggie of Fairview 59551—C. G. Kreller to Harry T. Keller, Mountain Grove, Mo.
Peggy of Rising Sun 99343—Walter C. White to A. B. Smythe, Cleveland, Ohio
Pencoyd Priscilla 117978—T. W. & I. W. Roberts to George M. Hendee, Suffield, Conn.
Pencoyd's Pearl 97616—T. W. & I. W. Roberts to George M. Hendee, Suffield, Conn.
Penelope of the Elm 44667—Spencer Kellogg to Fred W. Bond, Ransomville, N. Y.
Penelope of the Elm 2d 88315—Spencer Kellogg to Fred W. Bond, Ransomville, N. Y.
Perl's Diana of Abbott Farm 117804—A. W. Abbott to Everett Tarbox, Hollis Center, Maine
Phyllis of Coldspring 98370—Ralph Tratt to L. G. Johnson, Whitewater, Wis.
Pollyanna El Moore 60017—Charles Roberts to R. A. Stewart, Darien Center, N. Y.
Pollyanna of Oaklawn 72266—John T. McKnight to Buell T. Holcomb, West Simsbury, Conn.
Polly of Claremont 106326—L. D. Smith to Silva Brothers, Arcata, Calif.
Pomara Rose 61389—Harry S. Jenkins to Harry M. Lord, Cockeysville, Md.
Pretoria's Marguerite 118762—Clayton Busse to Gertrude L. C. Tucker, Willoughby, Ohio
Pride of Midlothian 2d 123854—Est. Charles D. Ettinger to Ernest V. Maltby, Tinley Park, Ill.
Pride of Midlothian 2d 123854—Ernest V. Maltby to A. L. King, Omro, Wis.
Pride's Beauty of App Farm 78989—G. S. L. Reed to Homer P Reed, Craftsbury, Vt.
Pride's Golda of Arrow Farm 102174—John S. Pettys to Daniel Howland, East Greenwich, R. I.
Primrose of Dairyland 105396—Albert L. Hyzer to Ira Angier, Storm Lake, Iowa
Princess Angelina of Oaklawn 80615—John T. McKnight to Burll T. Holcomb, West Simsbury, Conn.
Princess Mary of Iowanola 103275—C. A. Mountain to Robert Coppock, West Branch, Iowa
Princess of Helenwood 98474—W. M. Pace to Leo Tornow, Winona, Minn.
Princess Pat 49392—James C. Ranney to H. W. Wigman, Lansing, Mich.
Princess Pyne of Greentown 123930—Est. W. E. Bemis to John R. Gilpin, Greentown, Pa.
Pyne of Meadowbrook 41008—Est. W. E. Bemis to John R. Gilpin, Greentown, Pa.
Queen Bess of Highland Stock Farm 91186—Hans Aslakson to A. C. Pederson, Cato, Wis.
Queen Elizabeth of Linda Vista 62152—John McCormack to B. A. Mackinnon, Pawling, N. Y.
Queenie II. of the Camp 94365 (Imp.)—John McCormack to Henry L. Batterman, Millneck, N. Y.
Queen Marguerite of Easter 121435—D. D. Pope to W. C. Fleming, Greenboro, N. C.
Queen of Williams Farm 108122—J. M. Williams to Charles E. Alber, Saline, Mich.
Queen's Princess of Eastview 113194—Charles E. Wilbur to James E. Van Alstyne, Kinderhook, N. Y.
Queen's Starlight of Lindsey 61062—A. J. Prest to Clark & Jackson, Vesper, Wis.
Queen's Starlight of Lindsey 61062—Clark & Jackson to A. P. Bean, Vesper, Wis.
Raider's Fawn of Willowdale 99712—C. L. Sisson to Frank L. Hall, Buffalo, N. Y.
Raider's Pearl of Plank-Road Farm 93647—George H. Williard & Son to J. W. Hausen, Benkelman, Nebr.
Raider's Ruby of Plank-Road Farm 93648—George H. Williard & Son to J. W. Hausen, Benkelman, Neb.
Reddy's Squaw 48901—Robert E. Coppock to E. V. Mundell, Derby, Iowa
Richissime of Butternut Brook 62991—John Dove to B. Austin Cheney & Walter A. Cook, Litchfield, Conn.
Robin's May Rose of El Mere 108103—George E. Richardson to M. Sherman, Sleepy Eye, Minn.
Rollicksom's Pretoria 31770—Clayton Busse to George W. Herbster, Madison, Ohio
Rosada of Hickory Grove 120021—Henry Winke to Julius Biech, Baraboo, Wis.
Rosalie Bell of Woodside Hall 101860—Simon L. Downey to J. A. Ainge & Son, Townsend, Md.
Rosalie of Cosquay 62806—John McCormack to Charles D. Cleveland, Eatontown, N. J.
Rose Anchor of Lincoln Way 71816—A. C. Ramseyer to Lowell Gable, Wyebrooke, Pa.
Rose Anchor of Lincoln Way 71816—Lowell Gable to William F. Gable, Wyebrooke, Pa.
Rose Anchor of Lincoln Way 71816—William F. Gable to Ward W. Reese, Salt Lake City, Utah
Rosebud's Queen 97142—G. L. Reed to Carroll Pike, Stowe, Vt.
Rose Masher 120937—Matthew Pickett to Abraham H. Derr, Walkersville, Md.
Rose May of Lincoln Way 2d 80202—A. C. Ramseyer to Lowell Gable, Wyebrooke, Pa.
Rose May of Lincoln Way 2d 80202—Lowell Gable to William F. Gable, Wyebrooke, Pa.
Rose May of Lincoln Way 2d 80202—William F. Gable to Ward W. Reese, Salt Lake City, Utah
Rose of Excelsior Farm 117109—W. M. Pace to R. B. Gibson, Durand, Wis.
Rose of Fairmont 121674—Dornes & Kammiller to J. P. Sigwarth, Waupeton, Iowa
Rose of Kenjockety 56701—Est. W. Arthur Hutchins to A. C. Schrock, Grantsville, Md.
Rose of May 94279 (Imp.)—J. F. Davis to Roland W. Ross, Mineral Point, Wis.
Rose of Pleasant View 69600—William S. Ormston & Sons to George J. Hicks, Saginaw West Side, Mich.
Rose's Ultra Marie of Suburban Farm 118550—James H. Seaman to W. H. Cole, Cairo, N. Y.
Royal Duchess of Bristol Valley 124295—William R. Andrews to J. Lewis Collins, Aurora, N. Y.
Ruby Red of Deronda 80550—Amundson Brothers to Simon Amundson, Hixton, Wis.
Ruth of Butternut Brook 100491—John Dove to B. Austin Cheney & Walter A. Cook, Litchfield, Conn.

St. Austell Clematis 102570—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Sailor Lad's Bluebell 121054 (Imp.)—C. W. Barron to E. H. Dorr, Plymouth, Mass.
Sarah of Munroholm 95665—Thomas H. Munro to C. W. Wilcox, Des Moines, Iowa
Sarah of Munroholm 95665—C. W. Wilcox to W. O. Morrow, Hamilton, Iowa
Saucy Maria of Koehn's Farm 117073—F. W. Meyer to Lyle Bartlett, Barron, Wis.
Sea Belle's Lil of A. D. F. 117730—Lowell Gable to George W. St. Amant, Boston, Mass.
Sena's Sequel of Chestnut Ridge 80819—Owen Wertz to E. N. Lydick, Indiana, Pa.
Sepuni's Royal Maid 90521—H. W. Wigman to Scranton Trevor, Warren, Mich.
Sequel Mandy de Chene 99854—Chester Bolton to W. H. Menough, Ravenna, Ohio
Sequel's Lovely Pet 65579—Clayton Busse to C. A. Williams, Kent, Ohio
Sequel's May Trink 86171—Est. E. T. Howard to H. C. & E. B. McCamon, Lisbon, Ohio
Shagbark's Dorothy 117764—E. B. Cadwell to J. O. Winston, Saugerties, N. Y.
Snowball's Fern 92893—James C. Ranney to F. Douglas Horning, Armada, Mich.
Spotswood Yeksa's Daisy 68294—F. C. Hathaway to J. S. Yoder, Wooster, Ohio
Spotswood Yeksa's Daisy 68294—J. S. Yoder to F. J. Miller, Chardon, Ohio
Spruce Girl 113868—St. Louis County Work Farm to G. M. Gallant, Duluth, Minn.
Stranford's Dairy Maid 47964—S. B. Wilson to C. C. Pratt, Mankato, Minn.
Sunbeam of Quakerknoll 113721—Robert E. Coppock to Charles Dengler, Davenport, Iowa
Thelma of Hillside Farm 124307—H. C. Stratton to T. H. Coleman, South Londonderry, Vt.
Tilly Jinkins 123928—A. G. Franklin to S. P. Davis, Olga, Wash.
Timmie 123931—Est. W. E. Bemis to John R. Gilpin, Greentown, Pa.
Topsy of Les Mielles 94365 (Imp.)—John McCormack to W. R. Knoblock, Coscob, Conn.
Trixie of Rocky Branch 120692—M. C. Ball to O. Lowther, Thomasville, Ga.
Twilight of Southwood Park Farm 111133—Fred Suckow to Marvin Mills, Endeavor, Wis.
Valentine of Sunnyside 59088—Erwin Bros. to George W. Herbster, Madison, Ohio
Veda of Bon Ayre 114935—A. C. Ramseyer to Paul E. Funderburg, Huntington, Ind.
Vena of Clovermead 55046—M. G. Scofield to Palmer Brothers, Chisago City, Minn.
Venus of Haddon 102891—S. A. Lowrance to W. M. Neel, Mooresville, N. C.
Victoria of Forest Hill 120108—C. E. Ingersoll to Lowell Gable, Paoli, Pa.
Victorina's Folly of Mol Kiah 123939 (Imp.)—C. W. Barron to E. H. Dorr, Plymouth, Mass.
Violet Le Bas of Herodale 89491—Harry W. Lewis to David Von Buren, Oshkosh, Wis.
Violet's Etta 69398—Harry W. Lewis to David Von Buren, Oshkosh, Wis.
Virginia of Mara Alva 89983—Lowell Gable to William F. Gable, Wyebrooke, Pa.
Virginia of Mara Alva 89983—William F. Gable to Ward W. Reese, Salt Lake City, Utah
Vivian of Homedale Farm 46011—A. J. Shisler to Mrs. A. R. G. Dalbey, Granville, Ohio
Von Don Nathalie 119490—C. G. Dondero to Thomas N. Ayer, Jr., Alna, Maine
Von Don Salleanda 117008—C. G. Dondero to Thomas N. Ayer, Jr., Alna, Maine
Wagtail's Locheran Queen 123761—Spencer Kellogg to Fred W. Bond, Ransomville, N. Y.
Wahnono 123753—C. A. Wright & Son to Walter Putnam, Troy, Pa.
White Pine Lassie 113869—St. Louis County Work Farm to G. M. Tallant, Duluth, Minn.
Winona Girl 53135—M. E. Battles to George W. Herbster, Madison, Ohio
Winona Girl's Mayfield 112567 (Imp.)—M. E. Battles to Thurman Miller, Baltic, Ohio
Winona's Mayfield Pride 101690—M. E. Battles to J. H. Wood & Son, Madison, Ohio
Woodend Belle 47987—L. A. Yaeger to L. C. Carver, Faribault, Minn.
Wyebrook Queen of Scotts 124290—Charles B. McEwan to C. L. A. Whitney, Albany, N. Y.
Yeksa Luella 93388—John Fowlie to C. J. Fries, Ogdensburg, Wis.
Yeksa Valentine 116788—John Fowlie to C. J. Fries, Ogdensburg, Wis.
Yeoman's Mixter Jewel 106002—Est. George Mixter to J. Arthur Gage, Lowell, Mass.
Yeoman's Mixter Marion 79724—Est. George Mixter to J. Arthur Gage, Lowell, Mass.
Yetive's Castle Polly 124308—Calvin Bros. to Will H. Calvin, Calcutta, Ohio
Zilpha of Parlor Village 121799—Eazer Eckerson & Son to Earl & Millard Pangburn, Altamont, N. Y.

APPROVED ADVANCED REGISTER RECORDS

From December 1 to December 15, 1921

A. R.		Lbs. Milk	Lbs. B. F.	Age Yrs.	Age Mos.	Owner
‡¶10104	Ellie Masher of Sunnyside 51151	9213.90	416.75	6	7	Walter Matthys, Barron, Wis.
‡10105	Souvenir's Edna Dell 59771	6270.20	366.95	4	10	E. J. Smallidge, Eau Claire, Mich.
°10106	Afterglow of Roughwood 84605	12982.90	656.24	2	3	Ernest B. Dane, Chestnut Hill, Mass.
10107	Imp. Cowslip IV. of Grande Rocque Hotel 84062	10173.30	432.46	2	8	Annie E. Tilden, Delavan, Wis.
10108	Allenwood Primrose's Cream Cup 68758	9393.30	510.61	4	1	C. C. Allen, Kenosha, Wis.
10109	Imp. Brickfield Beauty's Daisy 94345	6704.70	322.39	3	0	J. C. Trees, Mars, Pa.
10110	Golden Willow of Hawthorn 111824	9592.00	433.88	5	3	J. R. Love & Son, Waukesha, Wis.
10111	Conyers Rival's Lass 78037	10027.70	553.09	3	0	E. C. Converse, Greenwich, Conn.
10112	John Q's Mary May 64496	10565.30	610.61	4	4	R. M. Macintosh, Sharon, Mass.
¶10113	Oak Ridge Columbus's Effie 88253	5037.40	269.69	1	8	Thos. F. Ryan, Oak Ridge, Va.
‡10114	Susie of Hickory Grove 84369	7657.80	396.35	2	0	Henry Winke, Portage, Wis.
10115	Imp. Fanny of Hill Farm IV. 94297	10030.00	489.02	2	9	Annie E. Tilden, Delavan, Wis.
‡°10116	King Itchen's Galore 83602	11418.30	548.99	2	2	William Flinn, Pittsburg, Pa.
¶10117	Dairymaid's Babe of Fox Valley 73563	11614.60	505.49	3	1	P. H. & C. H. Kuhtz, Waukesha, Wis.
10118	Imp. Lena May of Mara Alva 68104	8465.50	368.99	4	4	C. A. Sherwood, Hilliards, Ohio
10119	Ada's Queen of Dean Valley 71095	10841.40	551.55	3	10	C. A. Sherwood, Hilliards, Ohio
10120	Mixter Glade 65880	7367.50	405.96	4	7	W. A. Carlson, Estacada, Oregon
10121	Broad Acres Cherry 86374	8917.30	418.32	2	3	George B. Agnew, Lake Waccabuc, N. Y
*¶10122	Dan Patch's Daisy of Wawa 64630	9484.20	503.99	4	6	George Wood, Wawa, Pa.
*10123	Dan Patch's Maid of Wawa 78049	10144.60	463.15	3	1	George Wood, Wawa, Pa.
*10124	Milkyway's Portia of Wawa 81928	11810.00	451.84	2	8	George Wood, Wawa, Pa.
10125	Dan Patch's Quince Blossom of Wawa 71862	13680.70	591.72	4	0	George Wood, Wawa, Pa.
¶10126	Imp. Frogmore's Molly 50384	7642.70	379.70	7	0	Clyde Ringo, Mulino, Oregon
10127	Royal's Phrosa of Linwood 86453	10573.80	489.78	2	4	M. T. Phillips, Pomeroy, Pa.
10128	Brook Farm Valentine 79803	10424.40	491.58	2	11	W. T. Peyton, Fredericksburg, Va.
10129	Blue Bell of Grand View 68063	7150.30	396.74	4	1	Henry Baumgartener, Wrightstown, Wis.
10130	Dandy's Lassie of Grand View 82803	7168.30	352.09	2	2	Henry Baumgartener, Wrightstown, Wis.
‡10131	Betty Sequel of Orchard Hill 72493	6935.10	379.93	3	6	Park Weed Willis, Seattle, Wash.
10132	Castello Daisy Topsy 87425	8285.30	487.16	2	3	Wm. M. Jones, Waukesha, Wis.
‡10133	Prince's Gretchen 46811	8970.80	481.33	9	4	Burg Bros., Wausau, Wis.
°10134	Convent's Miss Rosey's Fleurie 82858	12011.70	576.59	2	6	Paul Moore, Convent, N. J.
10135	Bessie's Pride of Green-Acre 82890	9024.20	396.43	2	3	Mrs. Paul Moore, Convent, N. J.

‡10136	Dairymaid's Gift of Fox Valley 81152	9415.20	446.38	2—11	H. M. Armstrong, Waukesha, Wis.
10137	Victoria of Falcon's Flight 57500	11627.50	535.10	5—4	B. Austin Cheney, Litchfield, Conn.
10138	Falcon's Bluebell 81301	10631.90	460.93	2—10	B. Austin Cheney, Litchfield, Conn.
¶10139	Glenora of Springside 89175	10980.40	531.19	6—10	Arthur D. Potter, Greenfield, Mass.
10140	Rival's Merry Bell of Dellwood 2d 84341	6673.30	361.16	2—2	Rush Taggart, New Canaan, Conn.
10141	Blooming Milk Maid 93463	8546.00	388.37	2—4	G. G. Hartley, Duluth, Minn.
10142	Jane Hayes 25099	10425.80	526.98	12—5	Arthur D. Potter, Greenfield, Mass.
‡¶10143	Governor's Fleurie de la Cache 55431	6844.60	362.94	5—5	H. E. Harrington, Hutchinson, Minn.
10144	Imp. Louise Marie II. 94447	7018.80	355.89	2—3	W. J. Kingsland, Goshen, N. Y.
10145	Imp. Queenie of Les Blancs Bois 94444	5884.20	322.27	2—7	W. J. Kingsland, Goshen, N. Y.
10146	Imp. Violet III. des Videclins 94429	8510.10	384.38	3—1	W. J. Kingsland, Goshen, N. Y.
10147	Imp. Lenfestey's Violet III. 94435	8396.60	409.82	2—10	W. J. Kingsland, Goshen, N. Y.
‡10148	Glenwood's Yula 40928	11666.90	605.82	8—8	J. H. Nahrgang, Lewiston, Minn.
10149	Anton's Polly Rose 79940	10347.10	512.50	2—11	L. D. Towle, Framingham, Mass.
10150	Planet's Gold Dust 84612	8257.30	430.40	2—0	L. D. Towle, Framingham, Mass.
10151	Langwater Royal Promise 54802	11294.20	490.27	6—0	L. D. Towle, Framingham, Mass.
10152	Lyda Jay of Homestead 86459	9968.40	480.49	2—4	Jamison Bros., Appleton, Wis.
10153	Lady Ruth of Iowanola 84517	10073.50	475.97	2—0	Mountain Bros., Des Moines, Iowa
¶10154	Lucy of Loberg Glen 71025	7146.40	359.72	2—10	B. F. Sheridan, Fond du Lac, Wis.
°10155	Yeoman's Mixter Prospect 79733	13254.60	630.79	3—0	Est. George Mixter, Hardwick, Mass.
10156	Mixter Demonstrator's Echo 65863	12139.80	601.92	5—2	Est. George Mixter, Hardwick, Mass.
10157	Imp. Pretty VI. of Vimiera 75397	10877.30	585.55	5—2	Ariel Mitchelson, Tariffville, Conn.
¶10158	Auburn's Jessie 53899	7873.80	367.13	6—7	H. D. Parker, Greeley, Colo.
¶10159	Bluebell of The Forges 85333	8188.10	395.38	2—4	Sherman L. Whipple, Plymouth, Mass.
10160	Yeoman's Mixter Juanita 87605	8286.00	450.91	2—4	Edward Wigglesworth, Boston, Mass.
10161	Vandala of Richland 49035	12809.10	526.15	6—7	W. H. Dupee, Santee, Calif.
°‡10162	Margaret's Model 73652	11910.30	628.92	3—3	Est. H. E. Taber, Castile, N. Y.
10163	Mary Ann of Oakwood 62187	7939.30	385.80	5—0	Margery C. Johnson, Muncie, Ind.
‡10164	Princess Dolly of Waldwic 68766	11769.20	532.62	4—1	Edgar P. Sawyer, Oshkosh, Wis.
‡10165	Melody's Secret Rose 81976	8465.90	489.67	2—10	Est. H. E. Taber, Castile, N. Y.
10166	Queen's Janessiere's Sequella 101337	9592.40	426.18	2—8	George C. Russell, Willoughby, Ohio
10167	La Fosseuse of Russellhurst 3d 101336	8228.60	446.73	2—8	George C. Russell, Willoughby, Ohio
‡10168	Cora of Kammerer 84402	9543.20	500.82	2—7	William Bartlett, Barron, Wis.
‡10169	Lady Lucille's Fanny 79346	8939.00	416.68	3—2	Herman J. Duecker, Kiel, Wis.
‡10170	Golden Lilly's Vivian 52294	12348.20	634.46	6—3	Herman J. Duecker, Kiel, Wis.
10171	Imp. Brittleware Buttercup 67663	9283.20	496.49	9—7	Longwood Inc., Kennett Square, Pa.
‡10172	Frank's Trequean Rose of Fritzlyn 86235	7509.30	372.37	2—3	William F. Fretz, Pipersville, Pa.
10173	Imp. Pineapple II. of Lilyvale 104067	6414.80	309.71	2—9	Mrs. George W. Stevens, Toledo, Ohio.
‡¶10174	Fern's Ruby 90593	8078.20	402.89	2—2	A. J. Malin, Genoa, Wis.
10175	Lady's Anchor's Creusa 63103	10521.20	487.65	6—6	S. M. Merrill, Ipswich, Mass.
10176	Betty of Walnut Grove 92148	9193.40	464.68	2—0	T. W. & I. W. Roberts, Bala, Pa.
10177	Pansy of Maple River Farm 59452	8476.00	412.83	5—10	E. R. Frissell, Hopkins, Minn.
10178	Noble Queen El Moore 77281	9104.30	487.81	3—6	W. H. Gratwick, Linwood, N. Y.
10179	Belle Elmoore 43155	13471.60	548.77	8—4	W. H. Gratwick, Linwood, N. Y.
‡10180	Fanny M. of Edgewater 94163	9631.80	483.12	2—0	William Fahnestock, Katonah, N. Y.
10181	Verna Glenwood of Hillsdale 99681	9802.10	509.52	3—8	A. N. Schmidt, Appleton, Wis.
°10182	Imp. Nellie of Valongis 54460	15960.50	756.84	8—2	F. J. Rueping, Fond du Lac, Ws.
10183	Imp. Lena of Mapleleaf 52054	12483.30	663.10	7—3	Wilkins & Hill, Platteville, Wis.
¶10184	May Rose Girl of Edgewater 88334	8358.10	388.29	2—2	Hynicka Bros., Inc., Lebanon, Pa.
10185	Golden Rod of Olga 73472	12190.60	535.82	3—9	H. E. Angel, Mabton, Wash.
10186	Flossie of Old Homestead Farm 79544	8463.70	468.25	2—10	O. A. Bartlett, Thompson, Ohio
‡10187	Beauty's Hope 88299	7603.60	367.26	2—3	William Bartlett, Barron, Wis.
10188	Imp. Flossie des Nicolles 60611	10338.00	571.77	7—4	O. A. Bartlett, Thompson, Ohio
‡10189	Jacqueminot's Miss Gay 80582	9177.80	467.10	4—11	LeRoy Taylor, Sullivan, Ohio
°10190	Ultra's Lillie of Edgemere 85619	10619.40	525.75	2—4	W. P. Parker, Moravia, N. Y.
10191	Langwater Ladyship 70303	12334.50	571.11	3—11	E. F. Price, Port Chester, N. Y.
10192	Imp. Weymouth's Pride II. 104060	5924.50	295.67	2—7	Henry W. Leeds, Westville, N. J.

RE-ENTRIES

*3762	Park's Elizabeth 42283	12142.00	496.64	8—1	John H. Williams, Waukesha, Wis.
*4861	Imp. Arbutus of St. Croix 54123	10081.30	480.24	6—7	Clark & Jackson, Grand Rapids, Wis.

°5559	Imp. Queen Rose of Pine Grove 47176	14907.90	789.63	8—3	Paul Moore, Convent, N. J.
‡5970	Loretta's Linda of Eau Claire 56663	8453.00	429.02	5—7	E. J. Smallidge, Eau Claire, Mich
5985	May King's Gloriana 55767	13128.70	538.79	5—10	W. H. Gratwick, Linwood, N. Y.
‡6183	Lady Preel 54061	7138.60	388.93	5—10	Math Michels, Peebles, Wis.
‡6612	Robert's Zorah of Fritzlyn 58648	7730.50	430.85	5—6	William F. Fretz, Pipersville, Pa.
¶6954	Allenwood Jessamine 63132	9469.70	501.42	4—9	C. C. Allen, Kenosha, Wis.
7386	Cassandra of Falcon's Flight 57501	12737.10	642.29	4—11	R. M. Macintosh, Sharon, Mass.
7443	Esther of Trout Brook 66454	10265.80	571.89	4—5	E. B. Cadwell, Saugerties, N. Y.
¶7486	Spalding of Gerar 58322	11520.70	530.84	5—8	J. C. Haartz, Campton, N. H.
°7505	Polly of Falcon's Flight 39879	15457.80	866.98	8—7	B. Austin Cheney, Litchfield, Conn.
¶7513	Charlotte of Grand View 64722	8246.10	361.65	4—3	Henry Baumgartener, Wrightstown, Wis
7574	Camilla May Rose of Jean Du Luth 65639	9426.40	527.54	4—1	Jean Du Luth Farm, Inc., Nickerson, Minn.
8343	Imp. Starlight III. of Baissieres 94423	8650.30	413.55	4—5	W. J. Kingsland, Goshen, N. Y.

Bulls Admitted to the A. R. by Daughteres Whose A. R. Numbers Appear in Brackets

PRINCE OF LES BLANCS BOIS [R. G. A. S. 3803 P. S.] [9878-10107]
GOVERNOR OF PRAIRIE RANCH 40041 [9535-10114]
LINDENWOOD MASHER 19013 [4198-10104]
CHAMP OF WALNUT GLENS 34831 [10049-10186]
EAGLE'S KNIGHT 18231 [9634-10170]
MILKYWAY'S BOY OF WAWA 30885 [9963-10124]
MASHER'S FLORESTUS 13419 [9046-10139]
MOTA'S PRIDE DU MOULIN [R. G. A. S. 3750 P. S.] [8687 10147]
OXFORD BOY OF PENCOYD 33732 [8919-10176]

Double Letter¶ Exceeds requirements by 100% or over° 1 day test‡ 1 & 2 day test*

OWNER'S STATEMENT OF FEED FOR IMP. QUEEN ROSE OF PINE GROVE 47176, RE-ENTRY A. R. 5559

July—44 lbs. grain: 8 lbs. each bran and ground oats, 4 lbs. each hominy, gluten feed, oil meal and molasses, 6 lbs. each Brewers' Grains and cottonseed meal; 12 lbs. beet pulp, green alfalfa, 40 lbs. alfalfa hay.

Aug.—465 lbs. grain: of the following mixture: 400 lbs. each bran and ground oats, 200 lbs. each hominy, gluten feed and oil meal, 300 lbs. each Brewers' Grains and cottonseed meal; 155 lbs. beet pulp, green corn, alfalfa.

Sept.—500 lbs. grain: 75 lbs. bran, 45 lbs. each hominy and Brewers' Grains, 90 lbs. ground oats, 85 lbs. Unicorn Dairy Ration, 55 lbs. Gluten feed, 65 lbs. cottonseed meal, 40 lbs. oil meal; 210 lbs. beet pulp, green corn, green clover, 300 lbs. alfalfa.

Oct.—447 lbs. grain: 46.5 lbs. each bran, hominy, cottonseed meal and oil meal, 93 lbs. each ground oats and Unicorn Dairy Ration, 62 lbs. each Brewers' Grains and gluten feed, 31 lbs. molasses; 155 lbs. beet pulp, 225 lbs. silage, 310 lbs. alfalfa.

Nov.—530 lbs. grain: 45 lbs. bran, 60 lbs. each hominy, gluten feed and cottonseed meal, 90 lbs. each ground oats and Unicorn Dairy Ration, 75 lbs. Brewers' Grains, 48 lbs. oilmeal, 2 lbs. molasses; 150 lbs. beet pulp, 1240 lbs. roots, 600 lbs. silage, 300 lbs. soy beans hay.

Dec.—575.5 lbs. grain: 124 lbs. each bran and ground oats, 46.5 lbs. each hominy, gluten feed and oil meal, 93 lbs. each Brewers' Grains and cottonseed meal, 2 lbs. molasses; 155 lbs. beet pulp, 1240 lbs. roots, 620 lbs. silage, 310 lbs. alfalfa.

Jan.—573.5 lbs. grain: 124 lbs. each bran and ground oats, 46.5 lbs. hominy, 93 lbs. Brewers' Grains, 62 lbs. each gluten feed, cottonseed meal and oil meal; same roughage as December.

Feb.—518 lbs. grain: 112 lbs. each bran and ground oats, 42 lbs. hominy, 84 lbs. Brewers' Grains, 56 lbs. each gluten feed, cottonseed meal and oil meal; 168 lbs. beet pulp, 1120 lbs. roots, 560 lbs. silage, 280 lbs. alfalfa.

Mar.—609.5 lbs. grain: 157.5 lbs. each bran and ground oats, 46.5 lbs. hominy, 62 lbs. each gluten feed, cottonseed meal, oil meal and molasses; 186 lbs. beet pulp, 558 lbs. silage, 310 lbs. alfalfa.

Apr.—615 lbs. grain: 165 lbs. each bran and ground oats, 45lbs. hominy, 60 lbs. each gluten feed, cottonseed meal, oil meal and molasses; 150 lbs. beet pulp, 300 lbs. each silage and alfalfa, green rye.

May—372 lbs. grain: of the following mixture: 450 lbs. each bran and ground oats, 200 lbs. hominy, 700 lbs. Amco Dairy Feed, 300 lbs. each gluten feed, cottonseed meal and oil meal; 124 lbs. beet pulp, 1240 lbs. oats and peas, 310 lbs. alfalfa.

June—310 lbs. grain: same mixture as May with 46.5 lbs. molasses added;155 lbs. beet pulp, 1240 lbs. green alfalfa, 310 lbs. alfalfa.

July—310 lbs. grain: of the following mixture: 450 lbs. each bran and ground oats, 200 lbs. hominy, 700 lbs. Empire Dairy Feed, 300 lbs. each gluten feed, cottonseed meal and oil meal; same roughage as June with green corn added.

OWNER'S STATEMENT OF FEED FOR MARGARET'S MODEL 73652, A. R. 10162

Aug.—10 lbs. daily of the following mixture: 100 lbs. each bran, hominy, ground oats and cottonseed meal, 50 lbs. oil meal; 15 lbs. silage, 10 lbs. alfalfa, pasture.

Sept.—14 lbs. daily same mixture as August; 25 lbs. silage, 12 lbs. alfalfa, pasture.

Oct.—Same grain ration as September; 8 lbs. roots from the 15th, 20 lbs. silage, 12 lbs. alfalfa, pasture.

Nov.—14 lbs. daily to the 15th of the following mixture: 100 lbs. each bran, hominy and cottonseed meal, 140 lbs. ground oats, 50 lbs. oil meal, then same except 50 lbs. more oil meal; 10 lbs. roots from the 15th, 20 lbs. silage, 14 lbs. alfalfa, pasture.

Dec.—14 lbs. daily to the 15th of the following mixture: 100 lbs. each bran and cottonseed meal, 200 lbs. each hominy, ground oats and oil meal, 300 lbs. lbs. gluten feed, then 12 lbs. of 200 lbs. each bran and gluten feed, 100 lbs. each corn meal, ground oats, cottonseed meal and oil meal; 25 lbs. roots, 2 lbs. silage, 14 lbs. alfalfa.

Jan.—11 lbs. daily of the following mixture: 200 lbs. each bran and oil meal, 15 lbs. each corn meal and ground oats, 100 lbs. each gluten feed and cottonseed meal; 12 lbs. (beets and carrots), 30 lbs. silage, 14 lbs. alfalfa.

Feb.—10 lbs. daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, gluten feed, cottonseed meal and oil meal, 400 lbs. (corn and oats); 5 lbs. beet pulp, 25 lbs. silage, 10 lbs. each aflalfa and clover hay.

Mar.—12 lbs. daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, gluten feed, cottonseed meal, oil meal and middlings 400 lbs. ground corn, oats and barley); hay.

Apr.—10 lbs. daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, gluten feed, cottonseed meal, oil meal and middlings, 400 lbs. ground (corn, oats and barley); hay.

May—1 lb. to every 3 lbs. milk daily of the following mixture: 200 lbs. bran, 100 lbs. each hominy, gluten feed, cottonseed meal and oil meal, 400 lbs. ground oats, hay.

June—12 lbs. daily of the following mixture: 200 lbs. each bran and hominy, 400 lbs. ground (oats and barley), 100 lbs. each gluten feed and oil meal; hay.

July—10 lbs. daily of the following mixture: 200 lbs. each bran and hominy, 400 lbs. ground (corn, oats and barley), 100 lbs. each gluten feed and cottonseed meal; hay.

Aug.—10 lbs. daily of the following mixture: 200 lbs. each bran and hominy, 300 lbs. ground (corn, oats and barley), 100 lbs. each gluten feed, cottonseed meal and oil meal; hay.

OWNER'S STATEMENT OF FEED FOR CONVENT'S MISS ROSEY'S FLEURIE 82858 A. R. 10134

June—10.5 lbs. daily of the following mixture: 100 lbs. each bran, ground oats and Brewers' Grains, 40 lbs. each hominy and oil meal, 75 lbs. each gluten meal and cottonseed meal; 3 lbs. beet pulp, 20 lbs. oats and peas, 6 lbs. alfalfa.

July—13 lbs. daily of 2 lbs. each bran, hominy, ground oats, Brewers' Grains and gluten feed, 1.5 lbs. each cottonseed meal and oil meal; 3 lbs. beet pulp, green alfalfa, 6 lbs. alfalfa hay.

Aug.—12 lbs. daily of the following mixture: 400 lbs. each bran and ground oats, 200 lbs. each hominy, gluten feed and oil meal, 300 lbs. each Brewers' Grains and cottonseed meal; 3 lbs. beet pulp, green corn and alfalfa, 6 lbs. alfalfa hay.

Sept.—357.5 lbs. grain: 65 lbs. bran, 30 lbs. each hominy, gluten feed and oil meal, 45 lbs. ground oats, 37.5 lbs. Brewers' Grains, 60 lbs. each Unicorn Dairy Ration and cottonseed meal; 5 lbs. beet pulp, green corn and clover, 8 lbs. alfalfa.

Oct.—12.25 lbs. daily of 1.5 lbs. bran, 1 lb. each hominy, gluten feed and oil meal, 2.5 lbs. ground oats, 2 lbs. each Unicorn Dairy Ration and cottonseed meal, 1.25 lbs. Brewers' Grains; 3 lbs. beet pulp, 7.25 lbs. silage, alfalfa.

Nov.—12.5 lbs. daily of 1.5 lbs. each bran and oil meal, 1 lb. each hominy, Brewer's Grains and gluten feed, 2.5 lbs. ground oats, 2 lbs. each Unicorn Dairy Ration and cottonseed meal; 3 lbs. beet pulp, 15 lbs. each roots and silage, 8 lbs. soy bean hay.

Dec.—13.2 lbs. daily of 3 lbs. bran, 1.5 lbs. each hominy and gluten feed, 2.1 lbs. each ground oats, cottonseed meal and oil meal, 1 lb. Brewers' Grains; .5 lb. molasses, 5 lbs. beet pulp, 20 lbs. roots, 15 lbs. silage, 8 lbs. alfalfa.

Jan.—15.5 lbs. daily of 3 lbs. bran, 1.5 lbs. each hominy and molasses, 2 lbs. each ground oats, gluten feed cottonseed meal and oil meal; 5 lbs. beet pulp, 20 lbs. roots, 15 lbs. silage, 8 lbs. alfalfa.

Feb.—13 lbs. daily of 3 lbs. bran, 1.5 lbs. each hominy and gluten feed, 2 lbs. each ground oats, cottonseed meal and oil meal, 1 lb. Brewers' Grains; same roughage as January.

Mar.—15.25 lbs. daily of 3.25 lbs. bran, 1.5 lbs. each hominy, gluten feed and molasses, 2.5 lbs. ground oats, 2 lbs. each cottonseed meal and oil meal; 5 lbs. beet pulp, 12 lbs. silage, 8 lbs. alfalfa.

Apr.—16.1 lbs. daily of 3.8 lbs. each bran and ground oats, 1.5 lbs. each hominy, gluten feed and molasses, 2 lbs. each cottonseed meal and oil meal; 3 lbs. beet pulp, 8 lbs. each silage and alfalfa, green rye.

May—8 lbs. daily of the following mixture: 450 lbs. each bran and ground oats, 200 lbs. hominy, 500 lbs. Amco Dairy Feed, 300 lbs. each gluten feed, cottonseed meal and oil meal; 1.5 lbs. molasses, 3 lbs. beet pulp, 30 lbs. oats and peas, 8 lbs. alfalfa.
June—7 lbs. daily same mixture as May; 1.5 lbs. molasses, 4 lbs. beet pulp, 35 lbs. green alfalfa, 8 lbs. alfalfa hay.

OWNER'S STATEMENT OF FEED FOR ULTRA'S LILLIE OF EDGEMERE 85619, A. R. 10190

Sept.—8 lbs. daily of the following mixture: 100 lbs. each bran and oil meal, 300 lbs. each ground oats and Cow Chow, 200 lbs. gluten meal; 2. lbs. beet pulp, hay.
Oct.—12 lbs. daily same mixture as September; 2 lbs. beet pulp, pasture.
Nov.—12 lbs. daily of the following mixture: 100 lbs. each bran and oil meal, 300 lbs. ground oats, 200 lbs. gluten meal; 2 lbs. beet pulp, 20 lbs. silage, 10 lbs. hay.
Dec.—Same grain ration as October; 2 lbs. beet pulp, 25 lbs. silage, 10 lbs. hay.
Jan.—Same ration as given in December.
Feb.—Same ration as given in December.
Mar.—Same ration as given in December.
Apr.—Same ration as given in December.
May—10 lbs. daily same mixture as November; same roughage as December.
June—Same grain ration as May; 12 lbs. mixed hay, pasture.
July—10 lbs. daily of the following mixture: 100 lbs. each bran and oil meal, 300 lbs. ground oats, 200 lbs. gluten meal, 50 lbs. cottonseed meal; same roughage as October.
Aug.—Same grain ration as July; green corn, pasture.
Sept.—Same ration as given in August.

OWNER'S STATEMENT OF FEED FOR IMP NELLIE OF VALONGIS 54460 A. R. 10182

Sept.—10 lbs. daily of the following mixture: 20 lbs. each bran, ground oats and oil meal, 30 lbs. ground barley, 15 lbs. gluten meal, 5 lbs. cottonseed meal; 10 lbs. beet pulp, 14 lbs. silage, alfalfa.
Oct.—Same ration as given in September.
Nov.—Same ration as given in September with 1 lb. hominy added.
Dec.—17 lbs. daily, 1 lb. hominy and 16 lbs. same mixture as September; 16 lbs. each beet pulp, beets and silage, alfalfa, clover hay, timothy hay.
Jan.—16 lbs. daily, 2 lbs. hominy and 14 lbs. same mixture as September; 12 lbs. beet pulp, 30 lbs. beets, 16 lbs. silage, alfalfa, clover hay, timothy hay.
Feb.—19 lbs. daily, 2 lbs. hominy, 1 lb. Distillers' Grains and 16 lbs. same mixture as September; 16 lbs. each beet pulp and silage, 24 lbs. beets, alfalfa, clover hay, timothy hay.
Mar.—18 lbs. daily, 1 lb. each corn meal and Distillers' Grains and 16 lbs. same mixture as September; 16 lbs. beet pulp, 20 lbs. silage, alfalfa, clover hay, timothy hay.
Apr.—15 lbs. daily, .5 lb. each hominy and Distillers' Grains and 14 lbs. same mixture as September; 16 lbs. each beet pulp and silage, alfalfa, clover hay, timothy hay.
May—Same grain ration as April; 14 lbs. beet pulp, 12 lbs. silage, pasture.
June—Same grain ration as April; 14 lbs. beet pulp, 12 lbs. silage, alfalfa, clover hay, timothy hay.
July—Same grain ration as April; 12 lbs. beet pulp, 16 lbs. silage, alfalfa clover hay, timothy hay.
Aug—18 lbs. daily, 2 lbs. Distillers' Grains and 16 lbs. same mixture as September; 12 lbs. each beet pulp and silage, alfalfa, clover hay, timothy hay.
Sept.—16 lbs. daily, 2 lbs. Distillers' Grains and 14 lbs. same mixture as September; 12 lbs. beet pulp, 10 lbs. silage, alfalfa, clover hay, timothy hay.

OWNER'S STATEMENT OF FEED FOR YEOMAN'S MIXTER PROSPECT 79733, A. R. 10155

Aug.—9 lbs. daily of the following mixture: 400 lbs. Unicorn Dairy Ration, 200 lbs. Centaur Dairy Feed, 100 lbs. cottonseed meal; 1 lb. molasses, 20 lbs. silage, green feed, pasture
Sept.—14 lbs. daily of the following mixture: 200 lbs. each Unicorn Dairy Ration, Centaur Dairy Feed and Elmore Dairy Feed; same roughage as August.
Oct.—14 lbs. daily of the following mixture: 100 lbs. each bran and cottonseed meal, 300 lbs. Unicorn Dairy Ration, 200 lbs. Big Q Dairy Ration; 1 lb. molasses, 20 lbs. silage, pasture.
Nov.—13 lbs. daily of the following mixture: 400 lbs. Unicorn Dairy Ration, 200 lbs. Centaur Dairy Feed, 100 lbs. cottonseed meal; 1 lb. molasses, 3 lbs. beet pulp, 25 lbs. silage, mixed hay.
Dec.—13 lbs. daily of the following mixture: 100 lbs. each bran and cottonseed meal, 400 lbs. Unicorn Dairy Ration, 200 lbs. Stock Dairy Feed; 1 lb. molasses, 2 lbs. beet pulp, 25 lbs. silage, 9 lbs. clover hay.
Jan.—Same grain ration as November; 2 lbs. beet pulp, 30 lbs. silage, clover hay.
Feb.—13 lbs. daily of the following mixture: 500 lbs. Unicorn Dairy Ration, 200 lbs. Centaur Dairy Feed, 100 lbs. cottonseed meal; 3 lbs. beet pulp, 30 lbs. silage, clover hay.
Mar.—13.5 lbs. daily same mixture as February; 4 lbs. beet pulp, 40 lbs. silage, clover hay, mixed hay.
Apr.—13.5 lbs. daily of the following mixture: 300 lbs. each bran and ground oats, 200 lbs. each hominy, gluten meal and cottonseed meal, 100 lbs. oil meal; 4 lbs. beet pulp, 30 lbs. silage, mixed hay.
May—Same grain ration as April; 4 lbs. beet pulp, alfalfa, pasture.
June—Same ration as given in May.
July—12 lbs. daily same mixture as April; 4 lbs. beet pulp, green feed, pasture.
Aug.—13.5 lbs. daily of the following mixture: 300 lbs. each bran and ground oats, 100 lbs. each hominy, corn meal and oil meal, 200 lbs. each gluten feed and cottonseed meal; same roughage as July.

OWNER'S STATEMENT OF FEED FOR POLLY OF FALCON'S FLIGHT 39879 RE-ENTRY A. R. 7505,

Aug.—14 lbs. daily of the following mixture: 300 lbs. bran, 100 lbs. each hominy and cottonseed meal, 250 lbs. ground oats, 200 lbs. gluten feed, 150 lbs. oil meal; 8 lbs. beet pulp, 10 lbs. each green oats and clover hay.
Sept.—16 lbs. daily of the following mixture: 300 lbs. bran, 100 lbs. each hominy and cottonseed meal, 250 lbs. ground oats, 200 lbs. gluten feed, 175 lbs. oil meal; 14 lbs. beet pulp, 20 lbs. green corn, 10 lbs. each rowen and clover hay.
Oct.—17 lbs. daily of the following mixture: 300 lbs. each bran and ground oats, 125 lbs. hominy, 200 lbs. gluten feed, 100 lbs. cottonseed meal, 150 lbs. oil meal; 8 lbs. beet pulp, 40 lbs. silage, 12 lbs. (rowen and clover) hay.
Nov.—16 lbs. daily same mixture as October; same roughage as October.
Dec.—18 lbs. daily of the following mixture: 300 lbs. each bran and ground oats, 125 lbs. hominy, 200 lbs. gluten feed, 100 lbs. cottonseed meal, 175 lbs. oil meal; 10 lbs. beet pulp, 30 lbs. silage, 12 lbs. clover hay.
Jan.—18 lbs. daily of the following mixture: 300 lbs. each bran and ground oats, 140 lbs. hominy, 200 lbs. gluten feed, 100 lbs. cottonseed meal, 175 lbs. oil meal; 10 lbs. beet pulp, 30 lbs. silage, 12 lbs. alfalfa.
Feb.—17 lbs. daily same mixture as January; 8 lbs. beet pulp, 30 lbs. silage, 15 lbs. alfalfa.
Mar.—14 lbs. daily 2 lbs. hominy and 12 lbs. of the following mixture: 300 lbs. each bran and ground oats, 140 lbs. hominy, 200 lbs. each gluten feed and oil meal, 100 lbs. cottonseed meal; 8 lbs. beet pulp, 25 lbs. silage, 15 lbs. alfalfa.
Apr.—16 lbs. daily same mixture as March; 8 lbs. beet pulp, 30 lbs. silage, 15 lbs. alfalfa.
May—12 lbs. daily same mixture as March; same roughage as April.
June—14 lbs. daily same mixture as March; 8 lbs. beet pulp, green corn, 10 lbs. alfalfa.
July—16 lbs. daily of the following mixture: 300 lbs. each bran and ground oats, 150 lbs. hominy, 200 lbs. gluten feed, 100 lbs. cottonseed meal, 200 lbs. oil meal; 6 lbs. beet pulp, 20 lbs. alfalfa, 10 lbs timothy hay.
Aug.—Same grain ration as July; 6 lbs. beet pulp, 30 lbs. green corn, 10 lbs. mixed hay.

OWNER'S STATEMENT OF FEED FOR AFTERGLOW OF ROUGHWOOD 84605 A. R. 10106

Aug.—6 lbs. daily of bran; 2 lbs. beet pulp, silage, green feed, hay.
Sept.—10 lbs. daily of 2 lbs. bran, 1 lb. each corn meal, ground oats, gluten feed, cottonseed meal and oil meal, 3 lbs. Unicorn Dairy Ration; 2 lbs. beet pulp, green corn, green clover hay.
Oct.—Same grain ration as September; 3 lbs. beet pulp, 20 lbs. silage, clover hay.
Nov.—Same grain ration as September to the 15th, then 11 lbs. of 2.2 lbs. bran, 1.1 lbs. each corn meal, ground oats, gluten feed, cottonseed meal and oil meal, 3.3 lbs. Unicorn Dairy Ration; 2 lbs. beet pulp, 20 lbs. silage, alfalfa.
Dec.—Same grain ration as September; 3 lbs. beet pulp, 6 lbs. roots, 20 lbs. silage, alfalfa.
Jan.—Same grain ration as September; 3 lbs. beet pulp, 8 lbs. roots, silage, alfalfa.
Feb.—Same grain ration as September; 2 lbs. beet pulp, 8 lbs. roots, 20 lbs. silage, alfalfa.
Mar.—Same grain ration as September; 3 lbs. beet pulp, 20 lbs. silage, 10 lbs. alfalfa.
Apr.—Same ration as given in March.
May—Same grain ration as September; 2 lbs. beet pulp, green feed, hay.
June—Same ration as given in May.
July—Same ration as given in May.
Aug.—Same ration as given in May with pasture.

OWNER'S STATEMENT OF FEED FOR KING ITCHEN'S GALORE 83602, A. R. 10116

Mar.—9 lbs. daily of the following mixture: 100 lbs. each bran, hominy and cottonseed meal, 300 lbs. Unicorn Dairy Ration, 30 lbs. oil meal; 8 lbs. beet pulp, 2 lbs. beets, 10 lbs. mixed hay.
Apr.—13 lbs. daily same mixture as March; 3 lbs. beet pulp, 19 lbs. silage, 8 lbs. alfalfa.
May—Same grain ration as April; 3 lbs. beet pulp, 17 lbs. silage, alfalfa, mixed hay.
June—12.5 lbs. daily same mixture as March; 4 lbs. beet pulp, 19 lbs. silage, alfalfa, mixed hay.
July—12.5 lbs. daily of the following mixture: 200 lbs. each bran, corn meal and ground oats, 50 lbs. each hominy and oil meal, 300 lbs. Unicorn Dairy Ration, 100 lbs. each gluten and cottonseed meal; beet pulp, 19 lbs. silage, alfalfa, mixed hay.
Aug.—13.5 lbs. daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each hominy, gluten, cottonseed meal and oil meal, 300 lbs. Unicorn Dairy Ration; 4 lbs. beet pulp, 19 lbs. silage, hay, pasture.
Sept.—13 lbs. daily same mixture as August; 3 lbs. beet pulp, 9 lbs. silage from the 13th, green corn from the 21st, alfalfa mixed hay.
Oct.—12.5 lbs. daily same mixture as August; 3 lbs. beet pulp, 19 lbs. silage from the 11th, green clover, mixed hay.
Nov.—12 lbs. daily same mixture as August; 4 lbs. beet pulp, 14 lbs. silage, mixed hay.
Dec.—12 lbs. daily of the following mixture: 200 lbs. each bran and ground oats, 100 lbs. each hominy, gluten cottonseed meal and oil meal, 50 lbs. corn meal; same roughage as November.
Jan.—Same grain ration as December; 3 lbs. beet pulp, 14 lbs. silage, alfalfa, mixed hay.
Feb.—Same ration as given in January.
Mar.—Same grain ration as December; 3 lbs. beet pulp, 12 lbs. silage, alfalfa, mixed hay.

APPLICATION BLANKS, PRIVATE HERD BOOKS, AND OTHER SUPPLIES FOR PRIVATE HERD RECORDS

We will gladly furnish sample sheets of the supplies listed below.

TO AID GUERNSEY BREEDERS in keeping their herd records complete, the following specially prepared blanks have been printed and are for sale at our office:

BOUND APPLICATION BLANKS

Birth Reports, containing 100 blanks with duplicate sheets for private records	1.50
Application for Entry, containing 100 blanks with duplicate sheets for private records	1.50
Application for Transfer, containing 100 blanks with stubs	1.00
Service Certificates, containing 100 blanks with stubs	1.00

PRIVATE HERD BOOKS

Permanently Bound, Half Russia, for 100 animals, 13 x 17 inches	5.00
Permanently Bound, Half Russia, for 50 animals, 13 X 17 inches	3.50
Loose Leaf Spring Back Binder	3.00
Loose Leaf Sectional Post Binder, Plain	4.00
Loose Leaf Sectional Post Binder, Leather Tips	5.00
Loose Leaves, 13 x 17 inches. for above binders, per 100	2.50
Cover for Loose Leaf Pocket Herd Book (black) Limp Leather	2.00
Loose Leaves for Pocket Herd Books, two kinds, (1—Pedigree and sketch (5 generations) 2—Production and service record), 4¼ x 7¼ inches, per 100	1.00
Record Cards for Card File, 5 x 8 inches, 4 kinds, (1—Pedigree and sketch, 2—Individual Service, 3—Production, 4—Record of Service of Herd) per 100	3.00
Oak Card File Box and Division Cards, for 300 of above cards	2.00
Paper Card File Box and Division Cards, for 200 of above cards	.75
Calf Book, Cloth-Bound—containing 100 entry blanks with duplicate sheets for private records	2.50

STABLE MILK SHEETS

With space for weight of each milking for one month conveniently arranged for adding.

For 25 cows, 18 x 23 inches—2 milkings per days	each .07	per dozen	.75
For 50 cows, 23 x 36 inches—2 milkings per day	each .15	per dozen	1.25
For 10 cows, 17 x 28 inches—3 milkings per day	each .10	per dozen	1.00
Journal Binders		each	1.50

PEDIGREE BLANKS

11 X 17 inches (4 generations) per 100	1.25
8½ X 17 inches (3 generations) per 100	1.00
6 X 9 inches (6 generations) with sketch on back ,per 100	1.00
6 X 9 inches (6 generations) without sketch, per 100	.50
Pedigrees copied from office records (each)	1.00

A SUGGESTION

Purchase a loose leaf private herd book binder, and when you register an animal have the pedigree written on the sheet specially prepared for the binder. When the pedigree is received insert in the binder and thus always have your private herd book complete.

DO NOT FORGET THE IMPORTANCE OF HERD RECORDS

THE AMERICAN GUERNSEY CATTLE CLUB

PETERBORO, NEW HAMPSHIRE

Breeders' List

Your name may be listed here by states for one year by sending us $5.00. This also entitles you to a year's subscription to the Guernsey Breeders' Journal. If you are already a subscriber to the Journal an adjustment will be made.

Arkansas

Pittman, Oscar A., Hardy

California

Brant, D. O., Elliott-Brant Rancho, Owensmouth, Los Angeles County
Dupee, W. H., Edgemoor Farm, Santee
Grice, C. R., San Dieguito Guernsey Farm, Ramona

Georgia

Rawlings, William, Fern Crest Dairy, Sandersville

Illinois

Walter, E. A., 5450 Blackstone Ave. Chicago
Dunbar, J. N., Columbus

Kansas

Holmes, C. F., Overland Guernsey Farm, Overland Park
Krueger, R C., Burlington

Maine

Laudholm Farms, George C. Lord, 2nd, Manager, Wells
Russell, Cony, Elmdale Farm, Norridgewock
Salley & Son, T D., Madison
York Co. Guernsey Br. Asso., R. J. Pollard, Sec'y, Guernsey Elms, Alfred

Maryland

Bacchus, T. W., White Hall Farm, Elkton

Massachusetts

Leman Farms, Hopkinton
Shaw, Robert Gould, 2d, Oak Hill Farm, Newton Center

Michigan

Briarbank Farm, W. T. Barbour, Prop., Birmingham
Peaceful Vista Farm, R. 3, Redford

Minnesota

Red River Valley Guernsey Breeders' Association, Halstad
Atlas Guernseys, Rayburn & Nelson, Dassel

New Jersey

Barry, H. R., Far Hills
Gill, E. T., Haddon Farms, Haddonfield
Hope, J. L., Florham Farms, Madison
Willow Brook Farm, Middletown

New York

Annandale Farm, Mt. Kisco
Denton, E. O., Barker
Hall, Wm. B., Clinton Corners
Herbert, Preston, Briarcliff Manor
Hunter, J. H., Valley Falls
Lamont, H. S., Cobleskill
Parnell, C. A., Elm Summit Farm, Piffard
Weaver, Leslie, Rhinebeck
Webb Farms, Clinton Corner
Wilbur, Chas. E., & Son, Greenwich

Ohio

Avalon Farm, E. C. Peck, Propr., Macedonia
Baker, E. H., Gates Mills
Steiner, Ivan, Wooster, R. 2
Wilderson, G. C., Myrna Maree Farm, Leetonia

Oklahoma

Larson & Sons, L., Chickasha
Primrose Farm, Mort Woods, Propr., Ardmore

Oregon

Cottonwood Farm, Edmunds & Fitzpatrick, Tillamook

Pennsylvania

Griffith, R. H., Meadow Slope Stock Farm, Canonsburg
Maule, Edwin B., Coatesville
Wilsman & Tone, Canonsburg

Vermont

Stowe Farm, West Brattleboro

Virginia

Virginia Guernsey Farm, John R. Dickey & Son, Bristol

Wisconsin

Chelsea Guernsey Club, Chelsea
Haviem Farm, Emory C. Meltz, Prop., Appleton
Winnebago County Guernsey Breeders' Asso., Waukau

LOCHEVAN FARM offers FOR SALE

COWS

HEIFERS

BULL CALVES

All Registered Stock

Address:

SPENCER KELLOGG

98 Delaware Ave. Buffalo, N. Y.

CLIP THIS

And send it to

E. A. BISHOP

Peterboro, N. H.

For particulars about the protection of your live stock investment.

Name _____

Address _____

Breeders' Exchange

The rates for advertising in this department—with no display—are 7 cents a word flat. Each word, number and initial counts a word. Terms cash with order. No advertisement of less than 10 words accepted.

FOR SALE. Herd of five females, one male. Daughters and granddaughters of Langwater Warrior. Sold to settle estate. Address John H. Kemph, Mgr., Bayberry Farm, Bristol, R. I.

FOR SALE. Registered Guernsey bull, five years old. Splendid individual. Grandson of Prince of Groton, who has 29 A. R. daughters. G. A. Wheeler, Petersham, Mass.

FOR SALE—Guernsey Family group. Dam, two daughters, one granddaughter. None better for foundation. For particulars write Will Clark, Sullivan, Ohio.

FOR SALE. Registered Guernsey Bulls, well developed, all ages. Out of A. R. Cows, sired by Grandson of Ne Plus Ultra. Price low for quick sale. Waldorf Farms, North Chatham, N. Y.

FOR SALE. Pure Bred Guernsey Heifer Calf, 4 mos. old. Charles L. Moore, Lock Box 106, Oxford, New York.

WILL TRADE One Quarter Section unimproved Cass County, North Dakota, land, two miles from town, for Registered and Good Grade Guernsey cows and heifers. For further information write to Henry Krabbenhoft, Page, North Dakota.

WILL TRADE. A new Electric Lighting Plant of standard make for two registered heifers. Write for particulars. R. C. Hunt, Fredericksburg, Iowa.

NE PLUS ULTRA and Imp Golden Secret of Lilyvale the greatest production sires of the breed—several of their grandsons from good A. R. dams. Price $75. up. Allic S. Knudson, Brodhead, Wis.

VERMONT Guernsey Breeders' Association. Members have stock for sale. Send for list. T. Redfield Phillips, Secretary, Montpelier, Vt.

Don't Lose Him

prevent and cure deadly **WHITE SCOURS** with **Cura-Los Scour Remedy.** Saves new-born, valuable calves. Used everywhere by successful dairymen. Send **NOW.** $1.00 or $2.00 sizes, postpaid.
Troy Chemical Co., Binghamton, N. Y.

LET US HELP YOU KEEP YOUR RECORDS ACCURATE AND UP-TO-DATE

We are getting out a new Herd Register bound in half-leather with leather tips and sectional post loose leaf arrangement in two different sizes taking either 5 or 6 generation pedigrees with ample space for extended pedigrees on one side of sheet and on reverse side ruled spaces for breeding records and milk and butter fat records by months for several years.

Purchase a binder and send us names and herd book numbers of your animals and we will typewrite in two colors the pedigrees fully up-to-date and return to you in mailing tubes postage prepaid.

In this manner you will have a loose leaf history of each animal in your herd available at a minute's notice.

Sample sheets and prices sent on request.

Our pedigree and Sale Catalogs are strictly up-to-date and are the most promptly mailed of any on the market.

4 generation, 14 ancestors, 2 color, typewritten pedigrees	$ .85
5 generation, 30 ancestors, 2 color, typewritten pedigrees	1.25
6 generation, 62 ancestors, 2 color, typewritten pedigrees	2.50

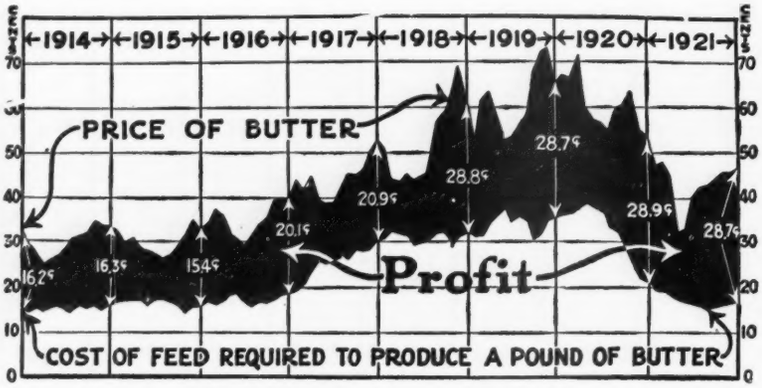
Extra 2 color copies of the same animal at about 1-3 the above charges

Let us send you samples and prices of Sales Catalogs we are getting out

Full information and prices on typewritten pedigrees, printed pedigrees and mimeographed pedigrees furnished promptly without obligation.

Mail all orders and inquiries direct to

Ithaca Sales & Pedigree Co., 513 N. Tioga St., Ithaca, N. Y.



(Compiled from U. S. Government statistics)

Look at this diagram!

It shows just how profitable the production of butter or butter-fat has been since 1914, and that it pays just as big today as ever.

The top line of the black area shows the price of butter, while the bottom line shows the cost of feed required to produce a pound of butter. The thickness of the black area shows the spread between cost of feed and price of butter—or the net profit. For example, near the end of 1921, feed to produce a pound of butter cost 16.9 cents; butter sold for 45.7, leaving a difference of 28.8 cents per pound, or 170% profit.

De Laval Cream Separators have helped more than any other factor to put the butter business on such a profitable basis—by saving cream, improving butter in quality, saving time, and saving skim-milk in the best condition for feeding.

Let a De Laval start making and saving money for you now. See your De Laval agent or write for full information. Prices on pre-war basis. Sold on easy terms.

De Laval Separator

The world's standard—over 2,500,000 in use the world over. Skims cleaner, turns easier and lasts longer than any other.

De Laval Milker

The better way of milking—cheaper, faster and cleaner than any other way of milking. In use on thousands of dairy farms.

The De Laval Separator Company

NEW YORK 165 Broadway — CHICAGO 29 E. Madison St. — SAN FRANCISCO 61 Beale Street

Sooner or later you will use a

De Laval

Cream Separator and Milker

Announcement to Guernsey Breeders

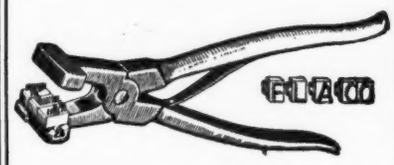
This most improved and only lasting method of marking your cattle is with the

AUSTIN TATTOO Ear Marker

Put Efficiency

Into your herd record-keeping by tattooing your cattle with this efficient implement.

It affords the only means of identifying your cattle permanently—the tattoo mark.



PRICES

EVERYTHING POSTPAID

1 Marker (3 letter size).....$3.25
1 Set numerals—0 to 9.....3.10
1 Tattoo ink stick.....1.05
Complete alphabet (26 letters)..6.50
Extra letters or figures each.....35

In order to make your record-keeping complete, it will be necessary to have one marker, one or more sets of figures, and one tattoo ink stick. You need one set of figures to number up to 10, two sets to number up to 110, three sets beyond, etc. A system of letters and figures may be used, in which case a set of letters will be needed.

LASTS FOR LIFE.

Our Guarantee — Our marker must please you or we will refund your money. You take absolutely no chance.

Orders filled promptly
Write today, and make all checks payable to

The American Guernsey Cattle Club

PETERBORO, N. H.

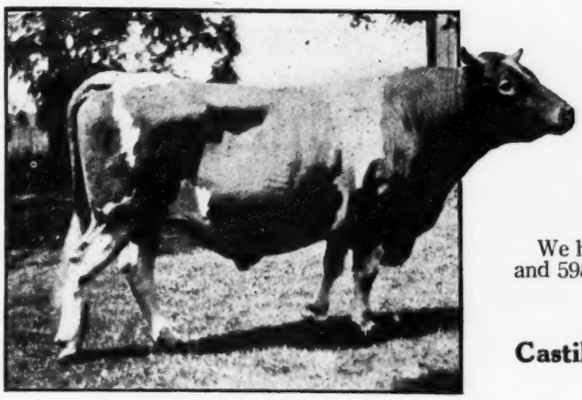
Mention this JOURNAL when answering advertisements

BULL CALVES

Sired by MARJORUM'S CHERUB, half brother of CHERUB'S PRINCE, and MAY ROSE KING OF ISLAND FARM, a son of BEDA'S MAY KING.

Priced Reasonable. Write us. **Accredited Herd No. 9257**

MARYDALE FARM - - - - - - - Albia, Iowa



RESERVATION GUERNSEYS

A conservative breeding establishment of high character

RESERVATION PIONEER 30421

Senior Herd Sire

His daughters are showing excellent quality on first test and are full of promise.

His sons are producing daughters of ability also.

We have two ready for service, out of dams with A. R. records of 543 lbs. and 598 lbs. fat in A and E classes.

TABER & MIGNIN

Castile **New York**

Federal Accredited Herd No. 10061

YOUNG STOCK FOR SALE

—May Rose Blood—

WILLOW CREEK FARM

Pennlyn, Pa.

CHAS. W. O'NEILL
AUCTIONEER

BRIDGEPORT **WIS.**

Record Sales on Guernsey Cattle
Graduate Reppert College
Sales Made Everywhere

A MAY ROSE YEARLING BULL

By Anton's May King 2d and out of Imp. Dorothea A. R. record 565.89 lbs. fat. Also a May Rose Bull Calf by Mary Jane's Anchor, and out of Ranson's Marie. Both high class, rich fawn, nicely marked, straight top lines.
A real Bargain Accredited Herd

Brookside Farm - Prospect, Ohio

BRAEVIEW FARMS

E. G. PICKARD, Prop.

Brooklyn Sta., R. I. **Cleveland, O.**

OFFER FOR SALE

Five BULL CALVES from 4 to 14 months old. Dams of two now on A. R. test. May Rose-Sequel-Chene breeding. Good individuals. Priced to sell. Write for list.

FIREELY GUERNSEYS

Davis Bros. Hartland, Vermont

Thirty head of typy, good producing females. Herd clean and free from abortion. Herd sires, son and grandson of Langwater Fisherman and Ne Plus Ultra

A Few Bull Calves out of excellent dams **For Sale.**

KING SEGIS PATENT LOCK

Ear Tags
Bull Staffs
Bull Rings
Description and prices sent on application. Millions of these have been sold without adverse criticism.
Thousands of these bull staffs are used by the largest of all breeds of cattle

H. A. MOYER, Inc. **Syracuse, N. Y.**

COMPLETE FEEDING INFORMATION

FOR $10.00

LEADING GUERNSEY JERSEY AYRSHIRE BREEDERS

Are Adopting Our Method

SEND FOR IT TO-DAY

ADVANCED REGISTER FEEDING SERVICE

MILFORD, PIKE COUNTY, PENNSYLVANIA

THE FEEDING SEASON

Is upon us. We are Reliable Shippers of

Superior Quality Alfalfa Meal and Baled Hay

Direct from the field or from one of our four modern mills, to your warehouse. Your purchase, and its shipment, will be supervised by a member of our firm, assuring positive satisfaction. We want repeat orders.

THE SUPERIOR MILLING CO.

GREELEY, COLO.

MILLS--La Salle, Colo.; Kersey, Colo.; Weldon, Colo.

Please Mention this Journal in answering this advertisement.

OLIVER S. JOHNSON

AUCTIONEER

TIPTON, IOWA

"THE DEAN OF AUCTIONEERS"

It will pay YOU to have the Guernsey Breeders see your advertisement in the Journal. Rates on request.
AMERICAN GUERNSEY CATTLE CLUB
Peterboro, N. H.

Western National Sale

A committee composed of Charles L. Hill, chairman, H. W. Griswold, Myron A. Wick, A. L. Gile, D. O. Brant, Drew Ten Broeck, Charles Wirt, Charles D. Cleveland, Jas. B. Robertson, Geo. White, R. G. Harwood and Percy L. Jones, will conduct a SALE near Chicago on MAY 11th, 1922, the day following the Annual Meeting of The American Guernsey Cattle Club. Any breeder wishing to consign high class cattle to this sale will notify the member of the Committee nearest to him at once.

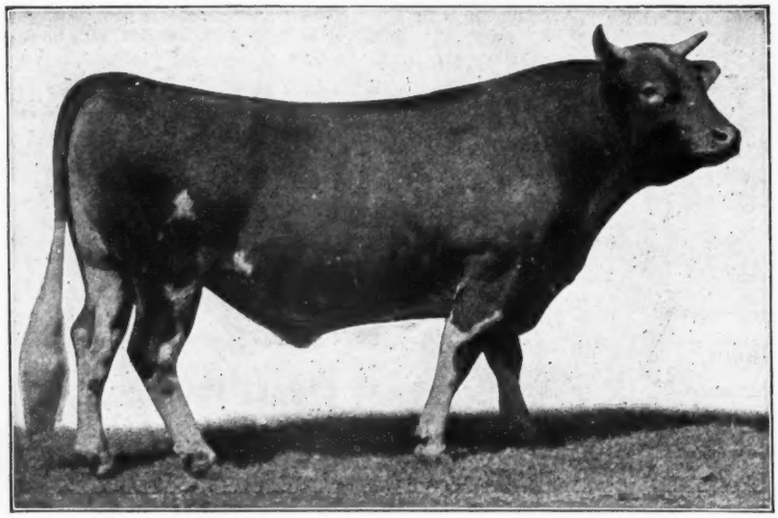
A few very high class cattle have already been secured and more are being offered every day. The present demand for Guernseys in the Middle West is the best ever known and this assures the success of the sale.

Every animal sold will be guaranteed a breeder and sold subject to a 60 day retest. What have you to offer?

THE GROVE FARM, DEERFIELD, ILLS.

Sired by
Aristocrat of
Harbor Hill
39246 A. R.

He by
Imp. Masher's
Galore
8572



Out of
Sanoma's Archer
Girl 56637
Twice a Class Leader

She by
King of
Chilmark
20798

ARCHER GIRL'S KING MASHER OF GLENCAIRNE 49902

We offer his bull calf, born July 13, 1921, out of Starlight of Bailey Falls 65163. She has an A. R. record of 490.07 lbs. butter fat and is of Governor of the Chene and Glenwood breeding. The calf is thrifty and right in every way.

And the price is reasonable

Federal Accredited Herd

THE SUNSHINES

AT

North Hampton, New Hampshire

Where we are endeavoring to Improve the Guernsey Breed for Type and Production

We are working with Bell-founder or Masher 705, Governor of the Chene, May Rose, and Sheet Anchor blood

Herd Sire--Wedgemere Fame

First five dams average at an immature age

14,171.4 lbs. milk **719.01 lbs. fat**

SUNSHINE DAIRY FARM

Nathan D. Dodge Shoe Co., Proprietors

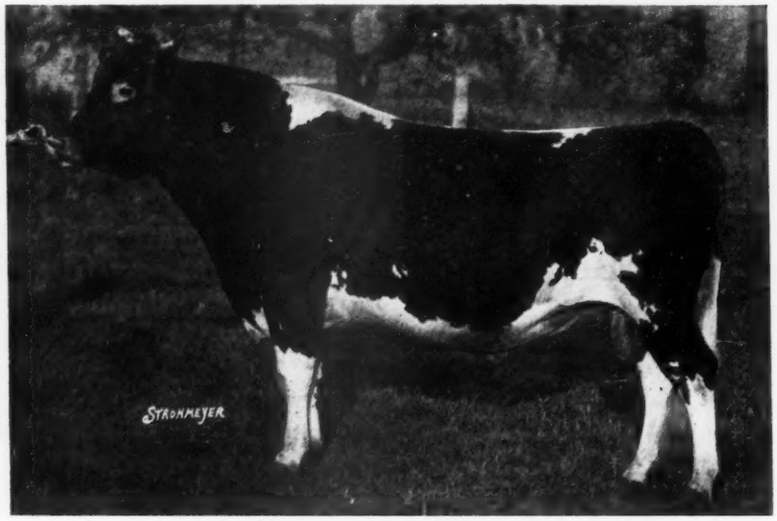
E. P. COOMBS, Supt. **MISS FANNY C. KNAPP, Herdswoman**

Herd is Tuberculin Tested by the Federal Government and has just passed test without a reactor

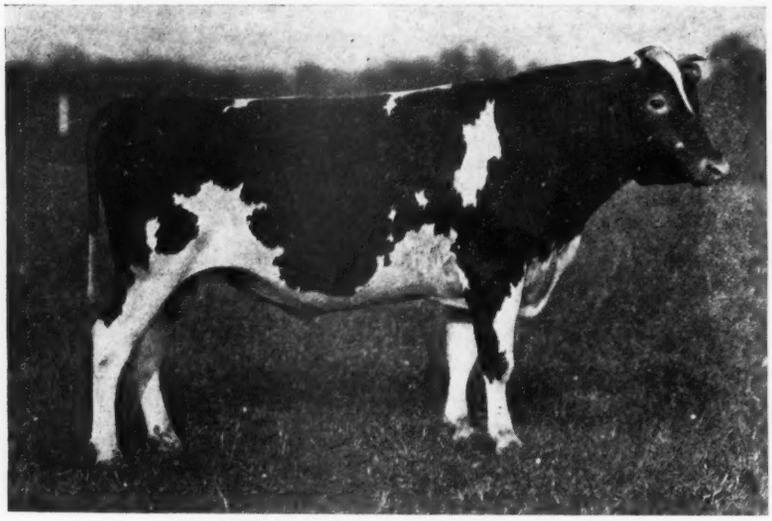
SUNNYBROOK GUERNSEYS

The Sire is 80% of the Herd

THESE ARE MY HERD SIRES



SUNNYBROOK BENEFACTOR at 3 years
Sire—Florham Autocrat A. R. Dam—May Minuet A. R.



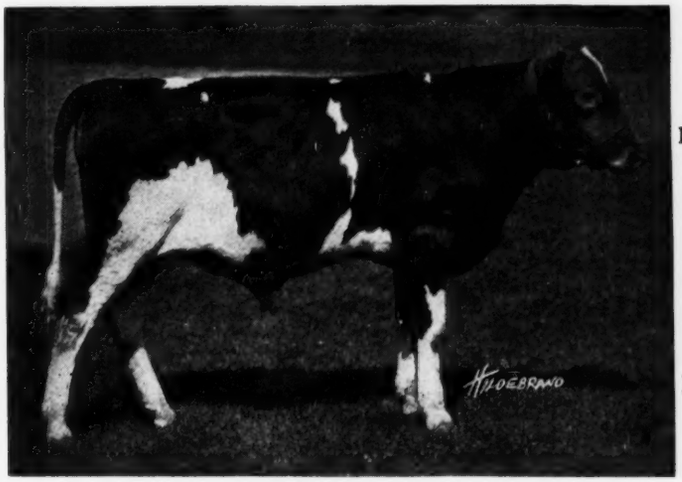
SAUGERTIES ROYAL PRINCE at 2 years
Sire—Ultra May King A. R. Dam—Princess May Rose A. R.

These Bulls have been pronounced by visiting breeders to be the two best individuals in service at any one breeding establishment

CHARLES D. CLEVELAND

Box 125 - - - - - - EATONTOWN, N. J.

FLORHAM FARM



Junior Herd Sire, FLORHAM VALIANT

- Langwater Valiant
  - Langwater Warrior
    - King of the May
    - Langwater Lily
  - Langwater Generous
    - King of the May
    - Florham Pride
- Langwater Sybarita
  - Langwater Warrior
    - King of the May
    - Langwater Lily
  - Langwater Luxury
    - King of the May
    - Dolly Dimple

Visitors Always Welcome

R. H. ALLEN, Mgr. **Madison, N. J.**

HERD SIRE

BROOKMEAD'S SENSATION 74013

Outstanding Facts of

HIS BREEDING

will be shown in future issues of the Breeders' Journal

Few Bull Calves For Sale

Write for Prices

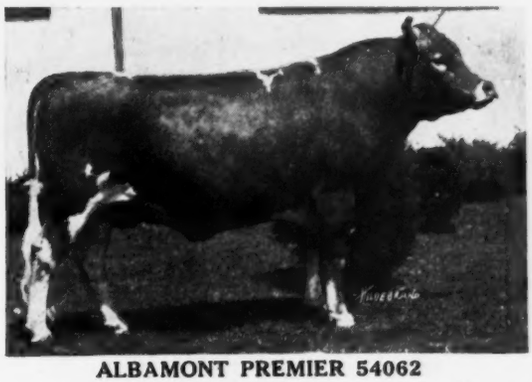
BAY CLIFFS STOCK FARM

BIG BAY, MICH.

Jay B. Deutsch, Owner Paul Bowen, Herdsman

PEACEFUL VISTA FARM

Golden Secret May Rose Guernseys



ALBAMONT PREMIER 54062

SIRE—Imp. Goldseeker of Anna Dean Farm 26106
DAM—Tango Pauline 48879 535.97 lbs. fat. Class G

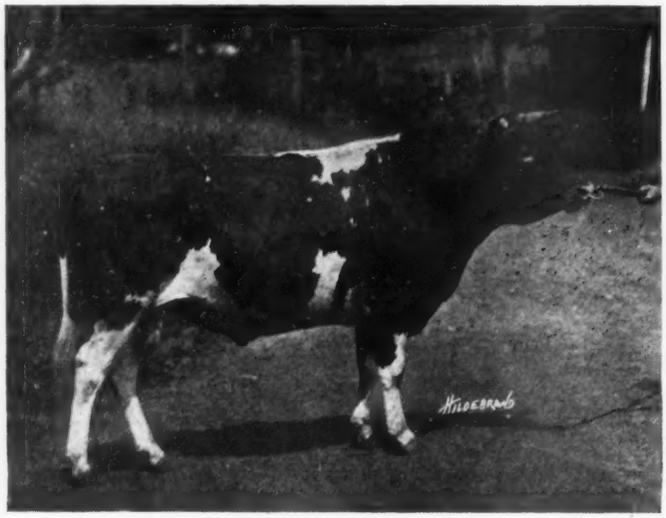
We offer sons of above bull out of Advanced Register Cows. Ready for Service now. Also young ones three to six months

FEDERAL ACCREDITED HERD

W. J. BROWN

1259 Woodward Ave. **Detroit, Mich.**

Any animal of our breeding that is not satisfactory can be returned any time within twelve months, and your money refunded. We guarantee just as represented.



GOLDEN PROMISE OF LANGWATER 51917
Born Aug. 8, 1918

The Sire of our Herd Bull

Langwater Warrior

already has 7 A. R. daughters whose records average
11379.75 lbs. milk; 541.24 lbs. fat
at an average age of 2 years, 127 days

HIS DAM

Minnie Minted Gold 40720

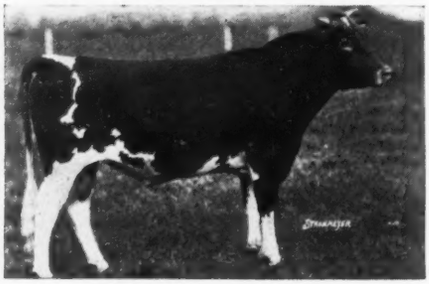
has an A. R. record of
11366.7 lbs. milk; 517.3 lbs. fat in class F

A Few BULL CALVES out of Foundation and A. R. Dams
FOR SALE at Reasonable Prices

Accredited Herd No. 14605

GREENWAY FARM

GEO. H. TIMMINS, Owner WARE, MASS.



MAY ROSE **FOR SALE** MASHER'S SEQUEL

A PROVEN SIRE

STONEHOUSE PATRIOT

Dropped Feb. 22, 1919

Junior Champion, Trenton Interstate Fair, 1920

1st prize yearling bull, Trenton Interstate Fair, 1921

SIRE—Stonehouse May Rose Jewel, whose dam, Brookmead's Primrose by Langwater Stars & Stripes, has just completed a record of 11464.3 lbs. milk, 723.75 lbs. fat in AA. 1st prize bull 2-3, Interstate Fair, Trenton, 1920; 2nd prize Aged Bull, 1921.

DAM—Stonehouse Pandora, now on test, will probably make 520-550 in CC. Pandora and full sister, Stonehouse Lustre, 1st prize Progeny of Dam, Far Hills, 1917-1919-1920; Morris County Fair 1921; 2nd Trenton Interstate Fair, 1st prize being awarded to two daughters of Lustre.

Pandora and Jewel both shown in herd which won blue at Trenton Interstate 1921

A. R. records made under farm conditions.

Herd under Federal Supervision. No reactors on first test. Pedigree on request.

STONEHOUSE FARM

Mrs. F. K. Stevens GLADSTONE, N. J.

Derrydale Honour Strain Guernseys

All Animals Island Bred

Bulls for Sale

TYPE

LINE BRED

ANCESTRY

PRODUCTION

Invigorate Your Herd With Island Blood

Under Government Inspection for Tuberculosis

DERRYDALE FARM

W. J. KINGSLAND, Owner R. A. BROWN, Manager

ONLY TWO

cows of the Guernsey breed have made over 20,000 pounds of milk in one year. Nella Jay 4th 38233 is one of them. She is a daughter of Imp. Golden Secret of Lilyvale 10028.

Likewise, only two heifers have so far produced over 16,000 pounds of milk. Nella Jay of Pencoyd 77520 shares that honor. In addition, she is the only Guernsey heifer that has so far made over 800 pounds of fat in a year. She is out of Nella Jay 4th 38233, above mentioned.

Nella Jay 4th 38233 and Nella Jay of Pencoyd 77520 are the highest record mother and daughter of the breed, with an average production of 18,517 pounds of milk and 915 pounds of fat.

Nella Jay 4th is a "Golden Secret." Nella Jay of Pencoyd is a Golden Secret-King of the May product.

Practically every animal in our herd, consisting of about sixty head and Federal Accredited No. 6770, carries some of the same blood.

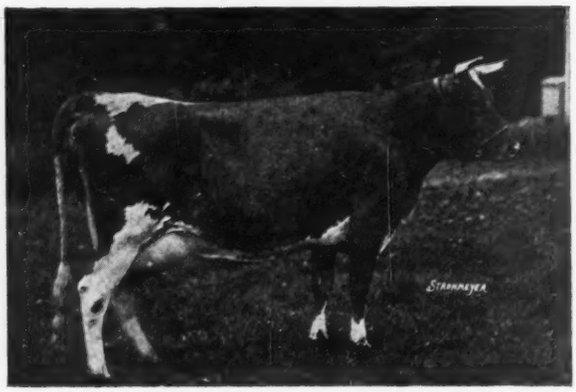
Bull calves carrying similar blood lines for sale.

T.W. & I.W. Roberts
1644 Land Title Bldg.
Phila. Pa.

PENCOYD FARM · BALA · PA ·

BEAVER RIDGE FARM

GUERNSEYS of QUALITY and PRODUCTION



MAY FLY OF BEAVER RIDGE 63933
13646.9 Milk; 786.75 Fat 7th Place in Class C.

ANOTHER CLASS LEADER
At Beaver Ridge

Sire—Jewel's Independence of the Glen 26697
Dam—May Fly of the Glen 42809 A. R.
16050.3 Milk; 811.16 Fat

We announce the sale of this new Class Leader to MR. R. M. LEWIS of Ridgefield, Conn.

BEDFORD HILLS, Westchester County, New York

HENRY W. HOWE, Owner Farm 40 miles north of New York City WM. H. SANDERS, Mgr.

ROUGHWOOD GUERNSEYS

consist of 90 head of carefully bred producers. Free from tuberculosis and contagious abortion.

OUR HERD SIRES ARE

Demonstrator of Roughwood 23133
sire of 15 A. R. Daughters.

Langwater Royalist 23121
own son of Imp. King of the May.

Cramond Ajax 60028
Double grandson of Warrior. Traces 4 times to Imp. King of the May.

Regent of Roughwood 67926
by Langwater Royalist and out of Afterglow of Roughwood A. R. Record of 656.24 lbs. fat in G.

We occasionally have for sale a nicely bred Young Cow

George N. Barrie Chestnut Hill, Mass.

Glencairne Guernseys

This does not mean just **Guernseys.** It means Guernseys possessing that rare but necessary combination—production, beauty, type. The possession of these qualities is not an accident. They are bred into every **Glencairne Guernsey.** King of Chilmark 20798, Aristocrat of Harbor Hill 39246 and Imp Prince of La Croisee 40950 are the trio of great sires that brought about this trinity of great qualities

Ten records averaging 12371 lbs. of milk and 666.02 lbs. of fat at an average age of less than three years tell the story of production. Twelve head showing at five fairs, against six hundred other Guernseys won 38 firsts, 25 seconds, 12 thirds, 9 fourths, 4 fifths and 1 sixth, tell the story of beauty and type.

A few females and bulls from our best A. R. females for sale.

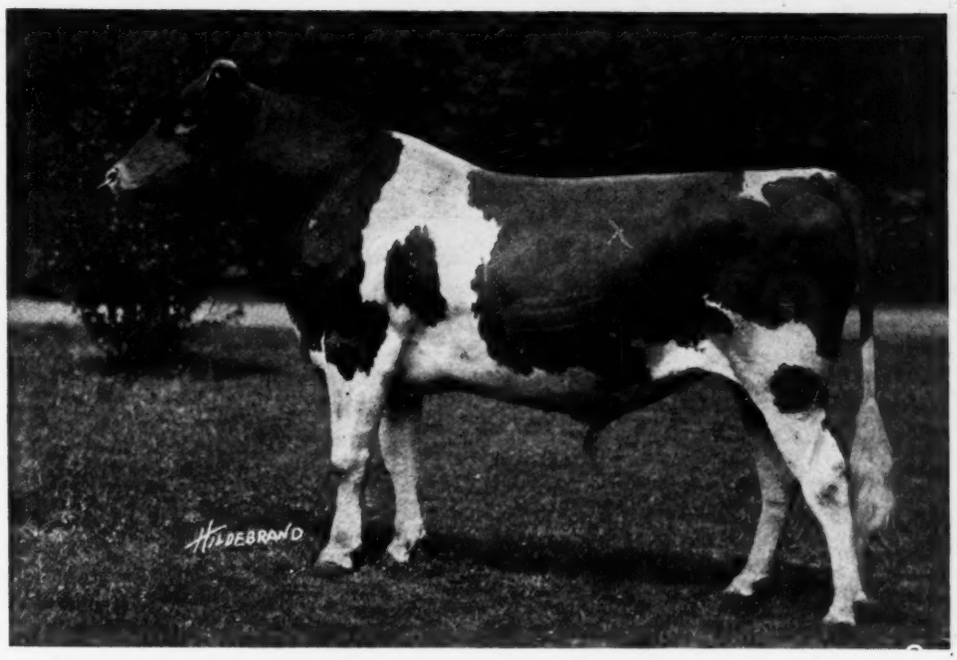
Government Accredited Herd

R. H. L. CHICHESTER

Fredericksburg Virginia

OAKS FARM GUERNSEYS

HERD HEADED BY



FLORHAM LEADER 55682

SIRE—Ne Plus Ultra 15265
Sire of 38 A. R. daughters

DAM—Langwater Nancy 27943
A. R. record of 18783.5 lbs. milk; 1011.66 lbs. fat

Purchased For $25,000.00 When Two Months Old

Average for nine nearest tested dams: 15960 lbs. of milk; 808 lbs. of fat

We are Offering For Sale Several of his Bull Calves From Tested Dams

Herd has been tuberculin tested by the U. S. B. A. I. since 1913

We also have For Sale some very Promising Imported Heifers

Either open or bred, at a reasonable price. The bred heifers are safely in calf to our junior herd sires.

ALL INQUIRIES CHEERFULLY ANSWERED

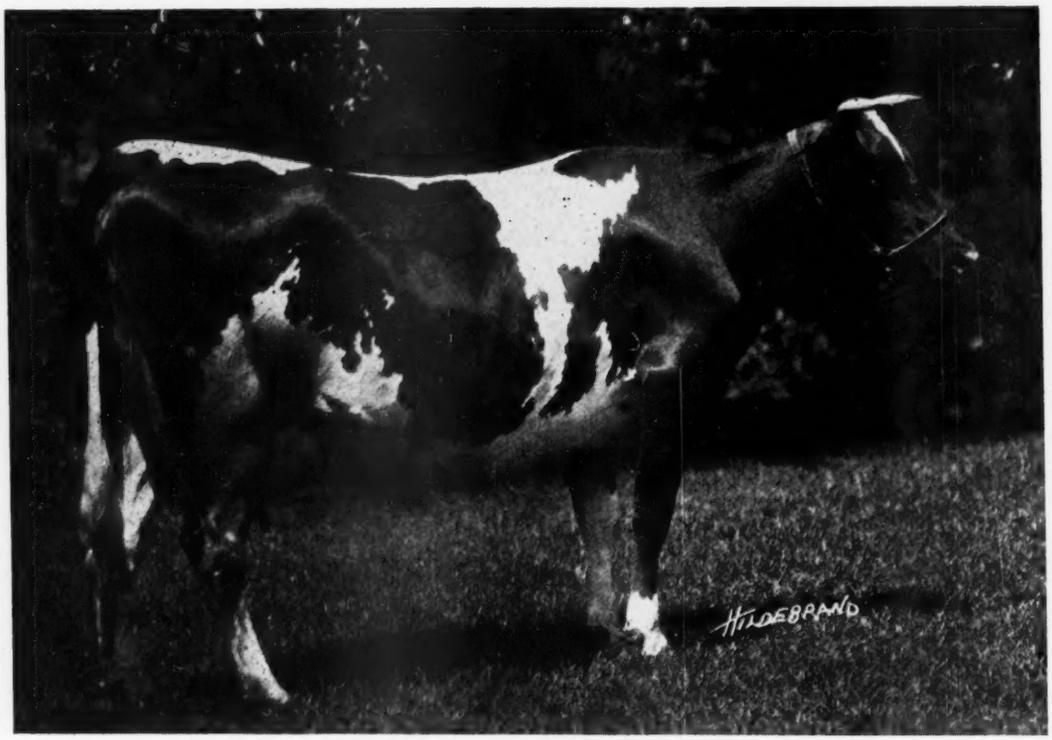
COHASSET - - - - - MASSACHUSETTS

"Twenty miles from Boston"

C. W. BARRON, Prop. **W. S. KERR, Manager**

THE BLOOD OF STARS AND STRIPES

King of the May - - - - - Dolly Dimple



BROOKMEAD'S STARLIGHT 73133

Milk	15,029.3	Fat	751.96	Class	D

Sire:— Langwater Stars and Stripes 21872 A. R.
Dam:— Symphony of Paxtang 24684 A. R. 751 lbs. Fat. Class A

" Starlight " with her second calf has equalled her dam's best record as an aged cow. Both Dam and Daughter have long been known as outstanding animals of the Breed. **" Stars and Stipes 2d "** carries the same great "Blood Lines" through King of the May and Golden Secret, and is siring a remarkable lot of individuals.

We Offer a Bull Calf by Brookmead's Search Light

(by Stars and Stripes 2d out of "Starlight") carrying Fifty Per Cent. (50%) of the **" Blood of Stars and Stripes"** and out of Country Belle of Great Barrington—606 lbs. Fat—(by King Bell) which carries **Fifty Per Cent**. (50%) of the **" Blood of May Rose King. "** A remarkable blending of "blood lines" and a calf which shows prospect of being worthy of such ancestors.

Also a Son of " Royal Master "

out of a "full sister" to Brookmead's Dorothy, Third Place in Class G with 14,179.4 lbs. Milk and 742.08 lbs. Fat, and sons of "Stars and Stripes 2d" out of A. R. dams.

WATCH FOR FURTHER ANNOUNCEMENTS OF DAUGHTERS OF STARS AND STRIPES

BROOKMEAD FARM

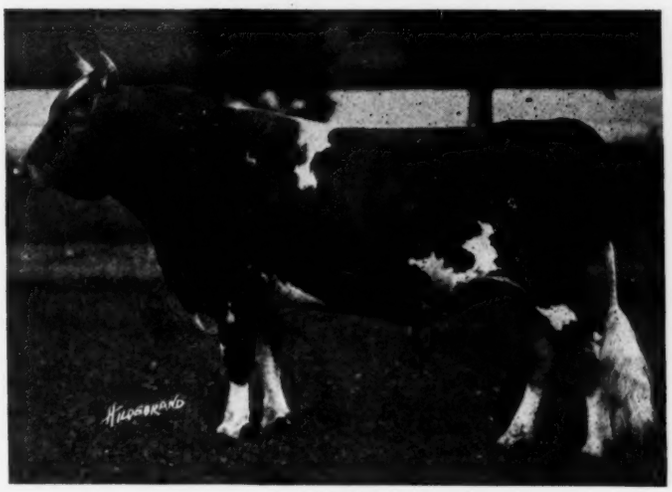
FRANK GRAHAM THOMSON, Owner

526 Land Title Building - - - - - - - Philadelphia, Pennsylvania

Farm at Devon, only 18 miles from Philadelphia, with fine train service

CEDAR LAKE FARMS

MIKANA Barron County Wisconsin



Bull Calves for sale at moderate prices

No Females for sale at the present time

LONE PINE AGITATOR 56691

Sire—Langwater Hayes Rosie's King of the May 16723 A. R.
Sire of 18 A. R. daughters and 1 A. R. son
Dam—Lady's Hope of Maple Hill 44843 A. R.
15126.40 lbs. milk; 776.63 lbs. fat, Class D
17644.20 lbs. milk: 936.68 lbs. fat, Class A

Address Correspondence to

HENRY L. STOUT 503 McCormick Building CHICAGO, ILL.

GERAR GUERNSEYS

FOUNDED 1889 Federal Accredited

WE OFFER

Rutila's Patient King 10th

Dropped Nov. 24, 1919, a more than ¾ brother to Gerar Kitty, who promises to place in class GG; own brother to Gerar Rose, sold 1920 National sale for $1700.00

Dam—Rose of Gerar, 10772 lbs. milk, 482 72 lbs. fat. Second dam by Beda's May King. Third dam, Cora Calvert, dam of Cora of Gerar 734 lbs. fat AA.

PRICE $400.00

Clare's Patient King 7th

Dropped Jan. 22, 1920. Sire's dam, 13170 lbs. milk, 568 lbs. fat, AA. Dam, Gerar Etta, 10310 lbs. milk, 507 lbs. fat, Class G. 1st 2 year old Maryland State Fair. Second dam, one of three sisters all over 10,000 lbs. milk, 500 lbs. fat. Fourth dam Mary Jane of Gerar.

PRICE, $400.00

Both are bred to transmit regularity in breeding and good fore udders.

LOUIS McL. MERRYMAN

Cockeysville - - Maryland

MAPLE SHADE FARM

HERD SIRES

Laverna's Ultra May King 24660 A. R.

- **Ne Plus Ultra A. R.**
- **Rose King's Laverna A. R.** (a daughter of Imp. May Rose King A. R.)

Gerar Pearl's Royal 58411

- **Langwater Royal 14253 A. R.** (a son of Imp. King of the May)
- **Gerar Pearl A. R. 1107**
  524.01 lbs. fat AA
  608.64 " " A
  The only cow of the breed with three daughters Class Leaders

Full brother to

Royal's Pearl A. R. 4384	788.37	D
" " " "	763.18	A
Pearl of Pomeroy A. R. 4796	618.65	D
" " " " "	777.16	AA
Royal's Pretty Pearl A. R. 5644	386.36	G
Pearl's Dot A. R. 6140	531.66	GG
" " " "	612.29	EE
" " " "	753.12	C
Gerar Pearl's Daughter A. R.	641.66	G
Royal's Pearl of Pomeroy A. R.	684.97	G

SEVERAL BULL CALVES FOR SALE

Accredited Herd No. 8430

M. T. PHILLIPS Pomeroy, Pa.

HIGH POINT CAVALIER 49124

HIS SIRE'S DAM
ULTRA LADY 38913 A. R. 3348
14,019.2 lbs. milk; 748.16 lbs. fat
Class AA.

HIS DAM
CAVALIER'S HELEN 65648 A. R. 6821
12,668.3 lbs. milk; 734.34 lbs. fat
Class F

THERE MUST BE BALANCE

Our herd sires should be from great dams and their pedigrees should be made up as far as possible of the great cows of their day. But these great cows should be balanced, in the pedigrees, by equally great bulls of similar blood lines, if there is to be any degree of certainty in our breeding operations. There are few bulls whose pedigrees are as well balanced as that of **High Point Cavalier 49124.** We have already called your attention to the great breeding and producing cows in his pedigree, now we are going to say a word about the bulls that make up the other half.

The First Two Generations

According to Galton's law of heredity the first generation (the sire and dam) as a whole is responsible for 50% of the hereditary influence and the sire of **High Point Cavalier** is Ultra May King 27600 whose first ten A. R. daughters average 555 lbs. of fat at an average age of 2 years and 233 days and Guernsey buyers have pronounced their approval with good long bids whenever the daughters of Ultra May King have been offered at public sale. The next generation contributes 25% of the hereditary influence and there we have those two intensely May Rose sires, Don Bernardo of Linda Vista and Langwater Cavalier. Langwater Cavalier startled the Guernsey world when his first six A. R. daughters averaged 608 lbs. of fat at an average age of 2 ½ years and again when he sired the First Prize Get of Sire group and the Grand Champion bull at the Eastern States Exposition in 1919.

The Quality Continues

There is ample support in the bulls making up the rest of the pedigree. In the next generation we have Ne Plus Ultra who has 40 A. R. daughters and more daughters with an equivalent of 600 lbs. of fat than any other Guernsey bull, and we have Dolly Dimple's May King of Langwater, sire of Langwater Nancy with 1011 lbs of fat and sire of 11 of the greatest sons ever sired by one bull. Then we must remember that **High Point Cavalier** traces; 7 times to May Day, sire of the "incomparable" Imp. Itchen Daisy 3d and Itchen Verbena; 5 times to Imp. King of the May, the leading A. R. sire of the breed and a son of Imp. Itchen Daisy 3d; twice to Dolly Dimple's May King of Langwater; twice to Lord Stranford, one of the greatest show bulls of the breed.

In Relation to Great Cows

We naturally expect that a great bull has inherited production and quality from a great dam and that he will prove the inheritance by transmitting it to his daughters. The bulls in the pedigree of **High Point Cavalier** are sons of such cows as May Rose 2d, Imp. Itchen Daisy 3d, Dolly Dimple, Ultra Lady and Cavalier's Helen. They have sired such daughters as Queen of the Roses, Ultra Celia, Langwater Hope, Langwater Nancy, Cavalier's Helen and Ultra May Queen.

Can you blame us for believing in **High Point Cavalier**? The quality of his get is proof that our faith is well founded. We will be able to offer a limited number of sons of **High Point Cavalier** this fall and winter from cows with individuality, breeding and production. Drop us a line and we will send you the pedigrees.

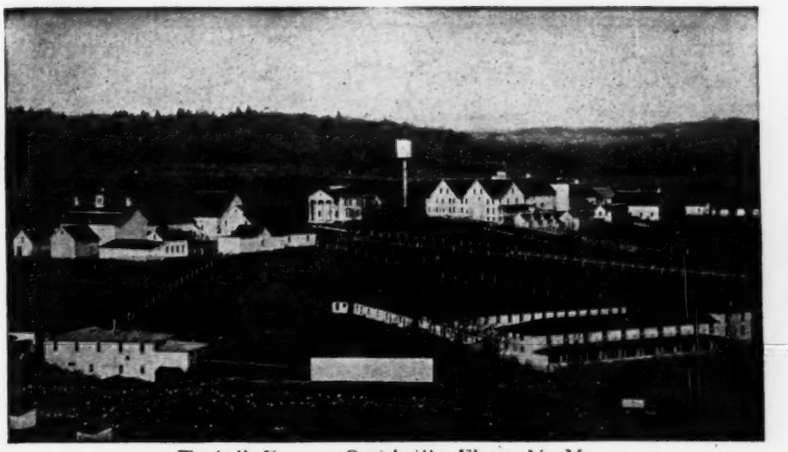
HIGHLANDS

Entire Herd Tuberculin Tested Under Federal Supervision

W. H. GRATWICK, Owner
Office, 1604 Marine Bank Bldg.
Buffalo, N. Y.

For Particulars address
NYE H. FREEMAN, Herdsman
Linwood, N. Y.

R. E. LOWDEN, Supt.
Linwood, N. Y.



Tarbell Farms, Smithville Flats, N. Y.

TARBELL FARMS GUERNSEYS

We are offering for sale bull calves and bulls of serviceable age out of excellent dams with A. R. records or now under test, and sired by the following bulls—GOLDEN SECRET OF PENCOYD 23462 A. R., GOLDEN SECRET OF TARBELL FARMS 36146, and MAJOR GALORE OF HARBOR HILL 47978.

WRITE FOR PEDIGREES AND PRICES

TARBELL FARMS, Smithville Flats, Chenango County, New York

RAILROAD STATION, GREENE, N. Y., D. L. & W. R. R.

GREAT HILL FARM

MARION, MASS.

HERD SIRES

GREAT HILL'S DREAM 40729

CRAMOND SENATOR 61116

GALEN H. STONE, Owner **ARTHUR E. GRIFFIN, Supt.**

BREIDABLIK FARM

Junior Herd Sire

Langwater Poilu 52117

Sire: Langwater Warrior 26509

Dam: Langwater French Lady 55274

12614.50 lbs. milk; 590.10 lbs. fat.
Class C.

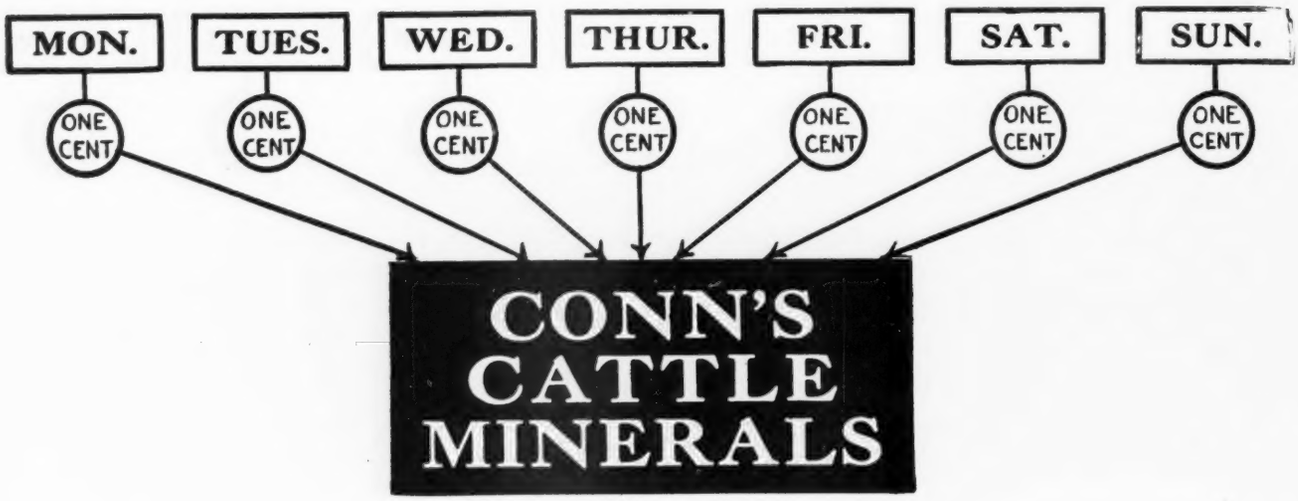
WE OFFER PROMISING BULL CALVES

Sons of this fine Bull and
out of cows now on test.
Federal Accredited Herd.

H. J. KREBS, OWNER. **L. H. LE BARON, MGR.**

P. O. BOX 950

WILMINGTON, DELAWARE



For one cent per cow per day, you can make your ration complete. A completely balanced ration must have sufficient mineral matter in it for the demands of the cow; supply this need by using Conn's Cattle Minerals.

Good feeding is the price of success in the dairy business; this applies to both production and reproduction. Get strong healthy calves and save them; you can do this if you use Conn's Cattle Minerals. CONN'S CATTLE MINERALS insure your next season's calf crop.

Abortion and sterility; retention of afterbirth; shy-breeding; white scours in calves; big neck or goitre, etc. result from a ration low in mineral matter. Be safe! Protect your stock and prevent diseases that result from deficient rations by using

Conn's Cattle Minerals

Adding CONN'S CATTLE MINERALS to your ration is health insurance. It will increase the milk flow; enable the herd to retain their vitality and resist disease. It keeps them strong and vigorous.

CONN'S CATTLE MINERALS are rich in calcium and phosphorus—two important minerals—sulphur, magnesium, iron, and other mineral salts.

CONN'S CATTLE MINERALS are placed in the feed, average of 35 pounds a year required per cow. Producing cows require it at all times. Rations too low in minerals cause the animal to rob her skeleton, and become a shy-breeder or go permanently sterile.

Write for Free Help and Information

Write us today for free help and information. Tell us how many cows you have; what your problems are and let us give you the benefit of our experience. Dr. George H. Conn, head of the Conn Products Company, will advise you personally as to what your herd requires.

Your margin of profit is lower now than it has been for years; there never was a time when a loss would mean so much as it would now. Don't take chances. Think it over and write us today. Address

The CONN PRODUCTS COMPANY

Dept. F. Waterloo, Iowa

DR. CONN'S Uterine Capsules

Useful and recommended in cases of retained afterbirth and where portions of the afterbirth have failed to come away naturally.

The removal of the afterbirth from the cow is dangerous to both the cow and the operator. It is difficult and almost impossible to remove it in its entirety; shreds remain to set up an inflammation. Infection finds its way to the ovaries. Serious conditions then result and in many cases sterility.

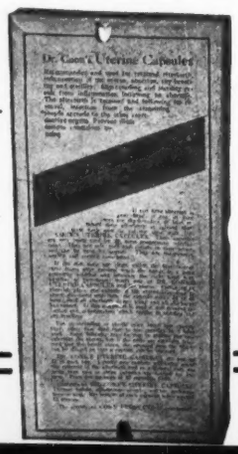
Inflammation of the uterus results in shy-breeding and in a purulent discharge from the vulva. Cows so affected are unthrifty and will not breed; many of them die. It is a very dangerous condition.

Our Uterine Capsules, when used according to our directions, will prevent the disastrous results from such conditions. They are easy to use; simply drop one of them into the uterine cavity or uterus.

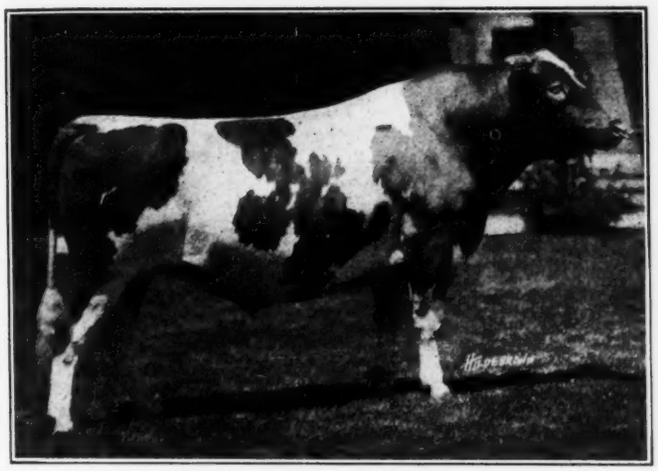
The contents of these capsules promote disinfection of the uterus, prevent the growth of germ life, and stop the inflammation that is found in the uterus when it is in such condition. Prevents the formation of pus, and foul smelling discharges and brings about a normal condition in the uterus. When this treatment is used as soon as it is determined that the afterbirth will not come away naturally, or immediately after an abortion. It never fails to give satisfactory results.

12 Capsules in a Box—Per Box, $3.00.

3 Boxes—36 Capsules, Prepaid $8.00.



J. C. Marlow, Mankato, Minn. Distributor for Minnesota, North Dakota, South Dakota and Nebraska



Langwater Chieftain

39437

Carries 25.78% of May Rose II. 3251 P. S., blood

Sired by Langwater Warrior 26509 A. R., son of Imp. King of the May 9001 A. R., out of Langwater Lady Love 49698 A. R. 5507. Record of 9,363 lbs. milk, 425.58 lbs, butter fat, Class F.

Grandson of Imp. King of the May 9001 A. R., and Langwater Fisherman 21873 A. R.

Laudholm Farms Guernseys

YOUNG BULLS of fine Individuality by our Herd Sires, LANGWATER CHIEFTAIN 39437 and RED GAUNTLET OF LINDA VISTA 38579, out of tested dams with excellent records at reasonable prices.

Herd under U. S. Government Supervision and is in perfect health.

COME AND SEE US

For pedigrees prices, and all particulars

Address

Charles E. Lord & Sons

GEORGE C. LORD 2nd, *Manager*

WELLS, MAINE

Florham Farms Guernseys

HERD SIRES

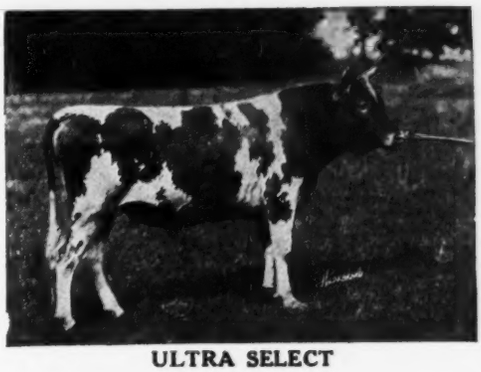
Ultra Select 47137, in-bred son of Ne Plus Ultra and possesses 75% of his blood.

Lone Pine Senator 59906, combining the blood of Itchen Daisy 3d, Hayes Rosie and Dolly Dimple.

Sire: Langwater Hayes Rosie's King of the May 16723, own brother to Langwater Heroine, the dam of Helpmate.

Dam: Langwater Luxury 49484, own sister to Dolly Dimple's May King of Langwater and Langwater Stars and Stripes.

Granddam: Dolly Dimple 19144.



ULTRA SELECT

Florham Warrior 34371, one of the very good sons of Ne Plus Ultra.

Majesty of Linda Vista 56286, by Jethro's May King of Linda Vista (double grandson of King of the May.) Dam with two May Rose Crosses.

The females approximate 175 head and furnish an opportunity to mate the above mentioned outstanding sires with individuals deep in May Rose and France blood—two strains that, when brought together, have produced such noted individuals as May Rose King, Langwater Dorothy, Langwater Holliston, Langwater May King and numerous others.

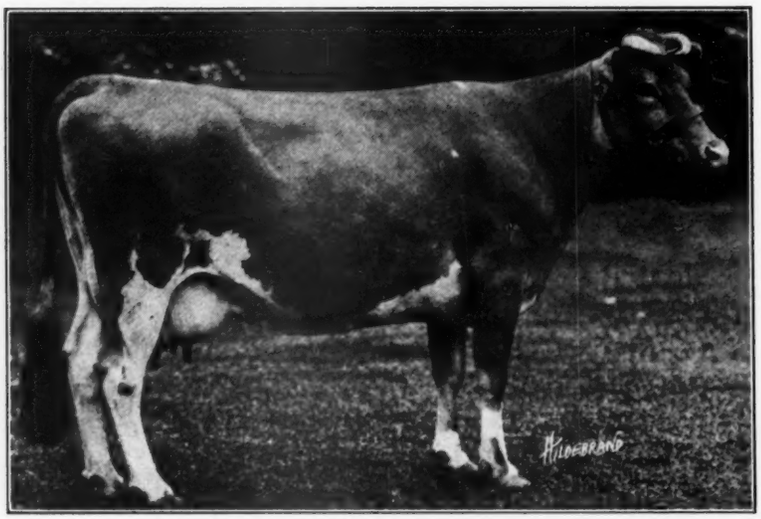
JOSEPH L. HOPE **FLORHAM FARMS** **MADISON, N. J.**

ROSE OF FALCON'S FLIGHT 45522

"A Bell-founder"

Class B

Milk—11771.2
Fat— 633.11



Class A—230 days

Milk—10127.0
Fat— 514.11

Full sister to Herd Bull

CHOICE OF ELM TREE FARM 24007

Rose is a wonderful breeding cow as well as a heavy producer. Her oldest daughter, Falcon's Bopeep 81302 has just completed a Class F record of 14322.5 lbs. milk and 670.68 lbs. fat. Two younger daughters by Falcon's Proud Warrior 47599 should be heard from later; a son heads the Gusanna herd in Wisconsin.

WE CAN QUOTE

A double grandson of Bell-founder; a May Rose-Bell-founder bull; a few females worthy to mate with the best for a future herd sire.

Falcon's Flight Farm

LITCHFIELD, CONN.

B. AUSTIN CHENEY **WALTER A. COOK, Manager**

Herd Bull

LANGWATER KNIGHT 46830

Double grandson King of the May

Sire—Langwater Warrior 26509 A. R.
A grandson of ITCHEN DAISY III.
Sire—Imp King of the May 9001 A. R.
A son of ITCHEN DAISY III.
Dam—Imp. Langwater Lily 26696 A. R. 1409.
A daughter of Golden Secret 12599A.R.
Dam—Langwater Generous 41599 A. R. 4353.
11834.8 lbs. milk; 588.33 lbs. fat, class F
A granddaughter of ITCHEN DAISY III.
Sire—Imp. King of the May 9001 A. R.
A son of ITCHEN DAISY III.
Dam—Florham Pride 20153 A. R. 932
A daughter of May Rose King 8336 A. R.
Knight carries 29 11-16 of the blood of MAY ROSE II.

WYEBROOK FARM
GUERNSEYS

Address correspondence to

WYEBROOK FARM

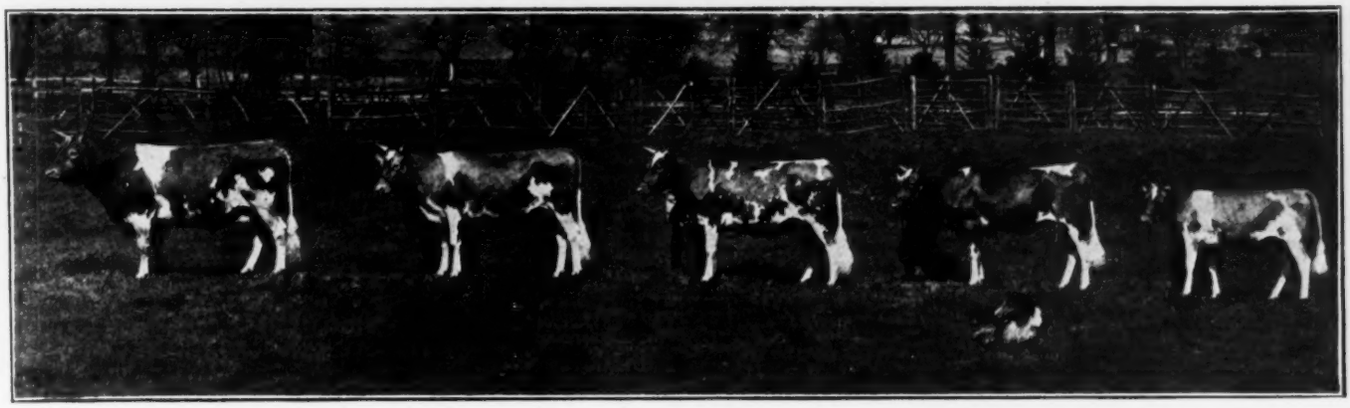
Loudonville, N. Y.

Herd Bull

WYEBROOK SUPREME 58407

A son of Langwater Dairymaid

Sire—Ne Plus Ultra of Wyebrook 40129
Sire—Ne Plus Ultra IV. 29328 A. R.
A grandson of ITCHEN DAISY III
Dam—Imp. Rosie V of the Bourg de Bas A. R. 2802; 14065.1 lbs. milk; 755.62 lbs fat, 3½ yrs. old. A GG Granddaughter of Golden Secret.
Dam—Langwater Dairymaid 26377 A. R. 1460. 16949.2 lbs. milk; 812.66 lbs. fat.
A daughter of ITCHEN DAISY III.
Sire—Jethro Bass 11366 A. R.
A son of King of the May
Dam—ITCHEN DAISY III. A. R. 100 13635.8 lbs. milk; 714.10 lbs. fat. Class B.
Supreme carries 39 1-16 of the blood of ITCHEN DAISY III.



"LANGWATER KNIGHT" AND OUR FOUR FIRST OF HIS DAUGHTERS

WOODLANDS FARM

Owing to the natural increase of the Herd offers for sale

Four females, two of them Advanced Register cows, and the other two from A. R. Dams.

They will be priced at a figure if taken together within the reach of any young breeders desiring to start a Guernsey Herd. Our herd has always been free from Tuberculosis and Abortion.

For Further Particulars write

W. B. JONES

Drawer O

WHITE PLAINS, N. Y.

HILLSWOLD FARM

GUERNSEYS

The entire herd at Hillswold Farm has just passed the first Accredited Herd test without a blemish.

Head your herd with a sire from healthy stock. For particulars on likely young bulls, address

HILLSWOLD FARM

W. A. CLOUES, Mgr. **SHREWSBURY, MASS.**

SHUTTLEWICK FARMS

Offer For Sale

WARRIOR OF DESTINY 60692

SIRE--Langwater Warrior 26509

Herd sire at Langwater Farms, two of whose daughters, Langwater Helpmate and Langwater Queen of the East sold for $26,700.00

DAM--Langwater Destiny 49486

A foundation cow at Shuttlewick, who has a record of 11522.30 lbs. of milk and 554.17 lbs. of fat in Class G. She is a granddaughter of Langwater Hope who has a record of 1003.07 lbs. of fat as well as Langwater Dolly Bloom whose record is 867.89 lbs. of fat.

He carries the following blood percentages:

IMP. KING OF THE MAY.....37½%
IMP. GOLDEN SECRET.....21⅞%
IMP. ITCHEN DAISY 3d.....18¾%
IMP. LANGWATER LILY.....25%

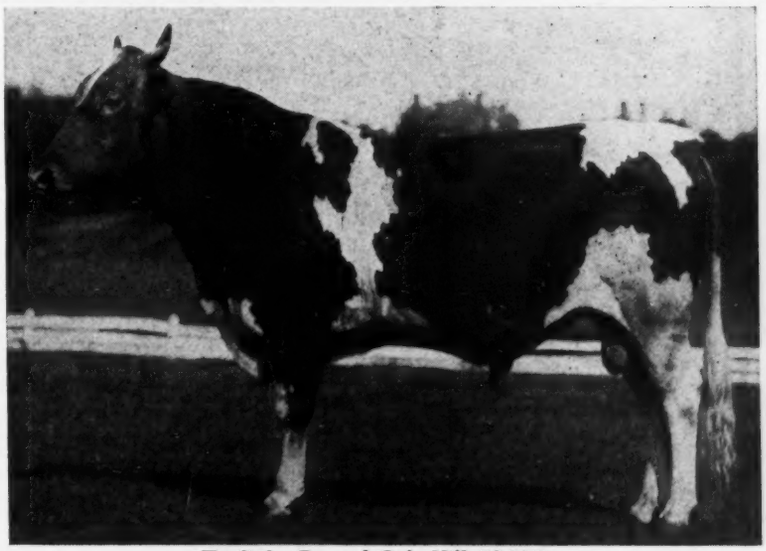
Price is reasonable; guaranteed a sure breeder and free from tuberculosis. Extended pedigree and further information upon request.

ADDRESS INQUIRIES TO

MYRON A. WICK, Owner
232 E. 131st St.
Cleveland, Ohio

F. O. MILLINGTON, Manager
Shuttlewick Farms
Chagrin Falls, Ohio

OAK HILL FARM GUERNSEYS



Twilight Boy of Oak Hill 59488

SIRE
Florham Butter Boy 34376
1st prize, Champion and Grand Champion Monmouth County Fair 1917

Nadieno 20432
Sire of
5712 A. R. 521.07 G
6251 " " 340.86 G
6479 " " 538.30 G
7130 " " 538.49 G

Palotta's Belle of Barrington 38472
A. R. 4363
11981.55 M. 649.21 Fat. Class E
Twin sister to Pallotta's Beauty of Barrington A. R. 4518
15572.9 M. 950.97 Fat Class A

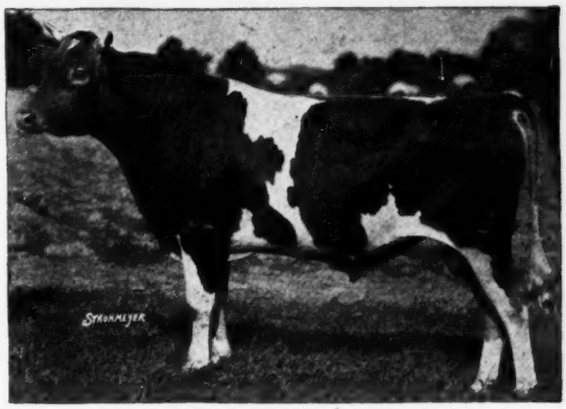
DAM
Twilight Daisy of Oak Hill 43118
A. R. 4499
10306.4 M. 574.47 Fat. Class G.

Langwater Dictator 15068
Sire of 11 A. R. Daughters

Silver Daisy of Oak Hill 25286 A. R. 1529
5660.40 M. 337.67 Fat Class C

ANIMALS OF BOTH SEX FOR SALE

Owner, J. A. HASKELL **OAK HILL FARM, RED BANK, N. J.** Supt., G. A. CURTIS



LANGWATER SYBARITE 63073 at 18 months old

COVENTRY FARM GUERNSEYS

PRINCETON, NEW JERSEY

HERD SIRES.

Langwater Sybarite 63973
Sire—Langwater Steadfast 31672
Dam—Langwater Sybarita 77758

Langwater Bravery 67911
Sire—Langwater Valiant 51868
Dam—Mottled Gold of Langwater 85675 A. R. 8048

Our Herd Contains among others:

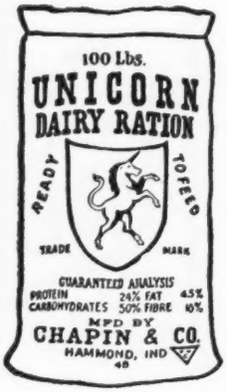
Four daughters of the Ne Plus Ultra 15265 A. R.
Three daughters of Langwater Warrior 26509 A. R.
Two daughters of Langwater Steadfast 31672
A daughter of Langwater Renown and a daughter of Langwater Model

Young Bulls bred along these lines for sale

Address

R. L. BENSON, Owner **G. F STONE, Supt.**

Princeton, New Jersey



THE GOAL

Maximum production with safety is the goal towards which all breeders work.

Unicorn Dairy Ration is the feed for record-making, while keeping the cow in good condition to drop a strong healthy calf.

Proof of this is to be found in the long list of high-class herds to which Unicorn is fed.

More **30-lb. and 1,000-lb.** records have been made on Unicorn than with any other ready ration or combination of feeds.

If you have reached your goal, Unicorn will make it easier for you to remain there. If you have yet to make a large record, you can depend on Unicorn to help your cows do their best.

MORE MILK EVERY DAY—FOR MORE DAYS

Chapin & Company

Main Office
327 S. La Salle Street
CHICAGO

New England Office
131 State Street
BOSTON

REDVALE FARM

Redding, Connecticut

GUERNSEYS OF QUALITY

Bull Calves of exceptional breeding

Tuberculin Tested

JOHN W. GERMAN
OWNER

ROBERT B. HARRIS
SUP'T

MAPLE SHADE FARM

BRIARCLIFF MANOR, N. Y.

—OFFERS FOR SALE—

Several Cows and Heifers now on test making creditable records. Also Bull Calves

REGISTERED-ACCREDITED HERD No. 1581

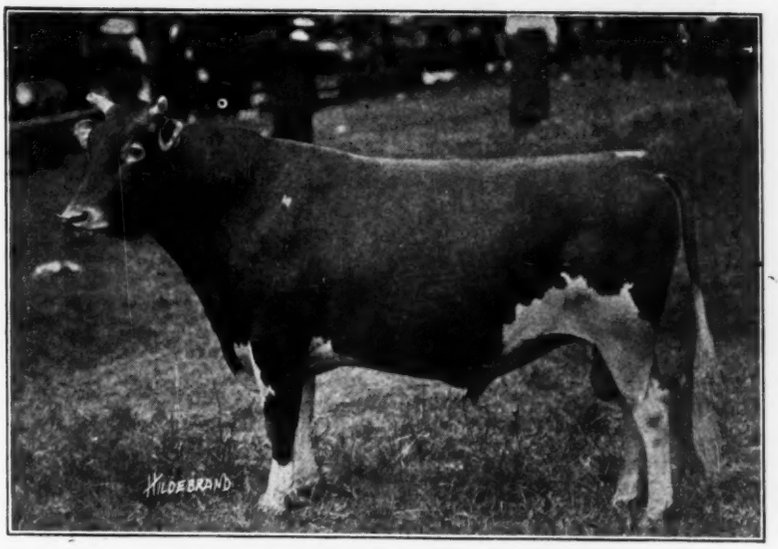
PRESTON HERBERT
Owner

HARRY VAN VEEN
Manager

ANNOUNCEMENT

Harry W. Lewis begs to announce change of location from Winneconne, Wis. to Waukesha. Wis. Mail address Route 6.

CORIUM IOWA DAIRY FARM SARNIA



Cherub's Prince 41543

You Want to Breed Winners.

Cherub's Prince not only won 1st prize at the National Dairy Show three years in succession, but in Get of Sire class his get won first in 1920 and 1921, the first two years they could be shown.

He also sired the Junior Champion heifer at the National Dairy Show three years in succession, 1919, 1920 and 1921.

Place your order for a son of his to head your herd.

IOWA DAIRY FARM
W. W. MARSH
Waterloo, Iowa

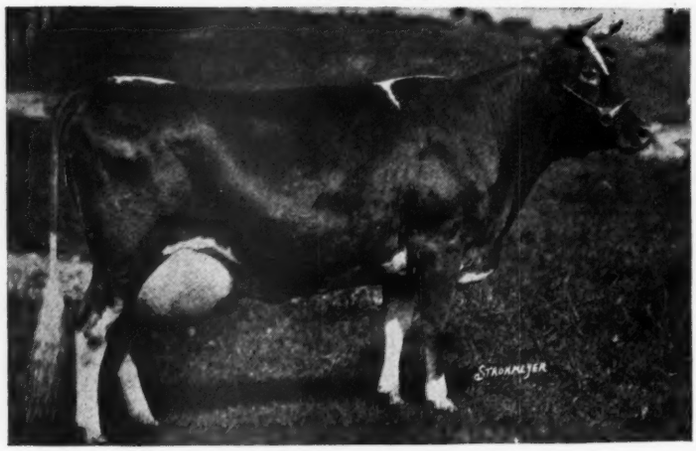
CORIUM FARM
F. J. RUEPING
Fond du Lac, Wis.

SARNIA FARM
CHARLES L. HILL & SON
Rosendale, Wis.

WOODY BROOK FARM

RIDGEFIELD, CONN.

HOME OF



ALL HEART 69480

Record: Milk, 12386.8 lbs. Fat, 686.28 lbs. Class D

SIRE
Imp. Sequel's Budget II. 21327
Also sire of Pearl Rose of Beaver Ridge 63932
Record: Milk, 12390.4
Fat, 688.80. Class GG

DAM
Countess of the Glen 34885

Breeders are cordially invited to Inspect the Herd

REGINALD M. LEWIS, Owner **RICHARD HOPPER, Mgr.**

A Few High-class A. R. Cows

Are Now For Sale

To make room for the daughters of Imp. Cherry's Memento of Iowa. A foundation herd, consisting of four milking cows and a splendid son of Memento, from an A. R. dam will be offered at a very attractive price.

WILLOW BROOK FARM

North Pembroke, Mass.

W. M. HURLEY, Owner **A. A. COLLEY, Manager**

ABBEYLEIX FARM

Montg. County

Penllyn, Pennsylvania

HERD SIRES

Langwater Senor 39431

Brookmead Fashion 39672

BULL CALVES

From A R. Dams

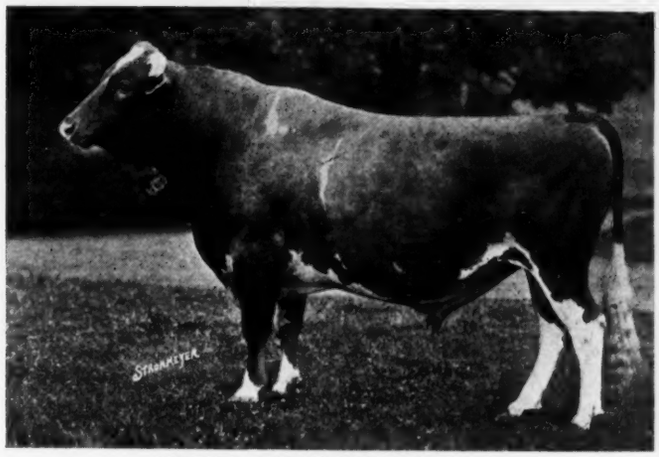
FOR SALE

A. L. FITZPATRICK

SAUGERTIES FARMS

J. O. WINSTON Owner

HOME OF

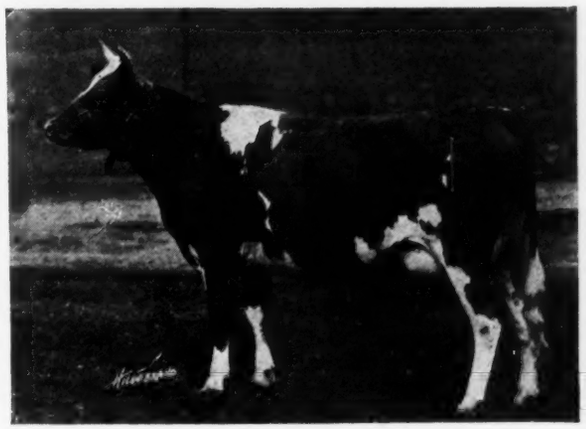


ULTRA MAY KING 27600 A. R.

First ten daughters to finish official test

	lbs. Milk	lbs. Fat	Class
Ultra May Queen 62690	14,608.10	757.74	D
Gayhead's Lady May 66898	10,740.90	620.48	E
Saugerties May Glory 70868	10,699.80	566.60	G
Sunset of High Point 80408	11,868.47	558.20	G
Glory of High Point 61531	10,858.60	532.68	G
Saugerties Golden May 69841	9,524.40	479.83	G
Saugerties Lady May 70867	8,571.40	406.88	FF
Gayhead's May 73935	10,042.60	537.11	G
Golden Glory of High Point 81071	9,024.90	514.01	G
Saugerties May Clyde 83631	11,500.20	584.17	G
An average of	10,743.94	555.77 at 2 yrs 233 days	

Guernsey Breeders have shown what they think of the sons and daughters of Ultra May King by the following prices. One son, High Point Cavalier, sold for $16,400, and another, Saugerties Royal Prince, sold for $5,400 and his daughters have sold at auction for $2000 to $3400.



SAUGERTIES MAY CLYDE 83631

A. R. Record: 11500.20 lbs. milk; 584.17 lbs. butter fat. Class G.

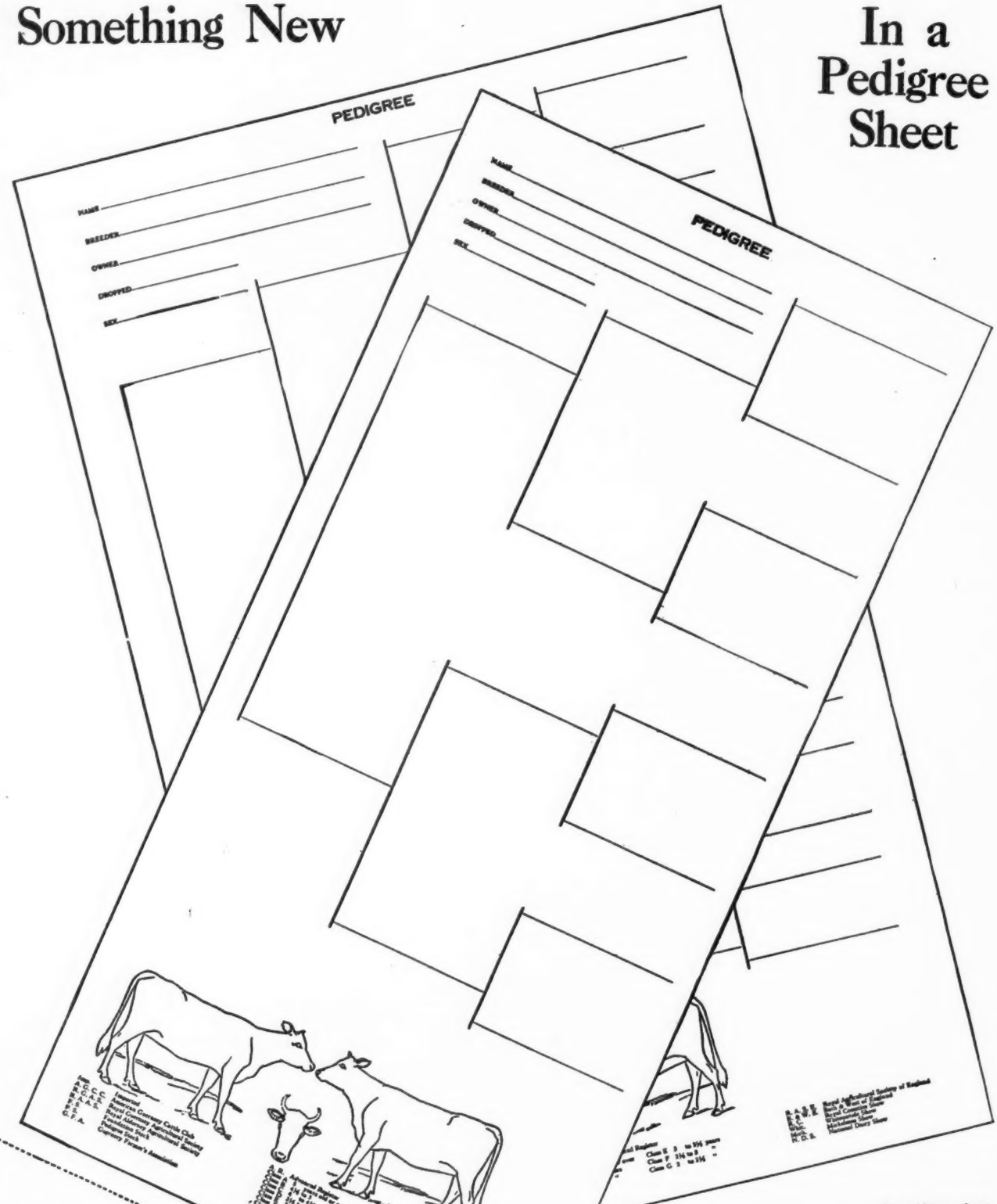
For Sale—A few choice daughters and sons of Ultra May King out of A. R. dams Federal Accredited Herd—Certificate No. 1511

FOR PARTICULARS WRITE TO

P. J. KELLY, Manager Saugerties Farms Saugerties, N. Y.

Something New

In a Pedigree Sheet



The American Guernsey Cattle Club, Peterborough, N. H.

Please Send me

_____ copies of (3 generation) pedigree sheet

_____ " " (4 ") " "

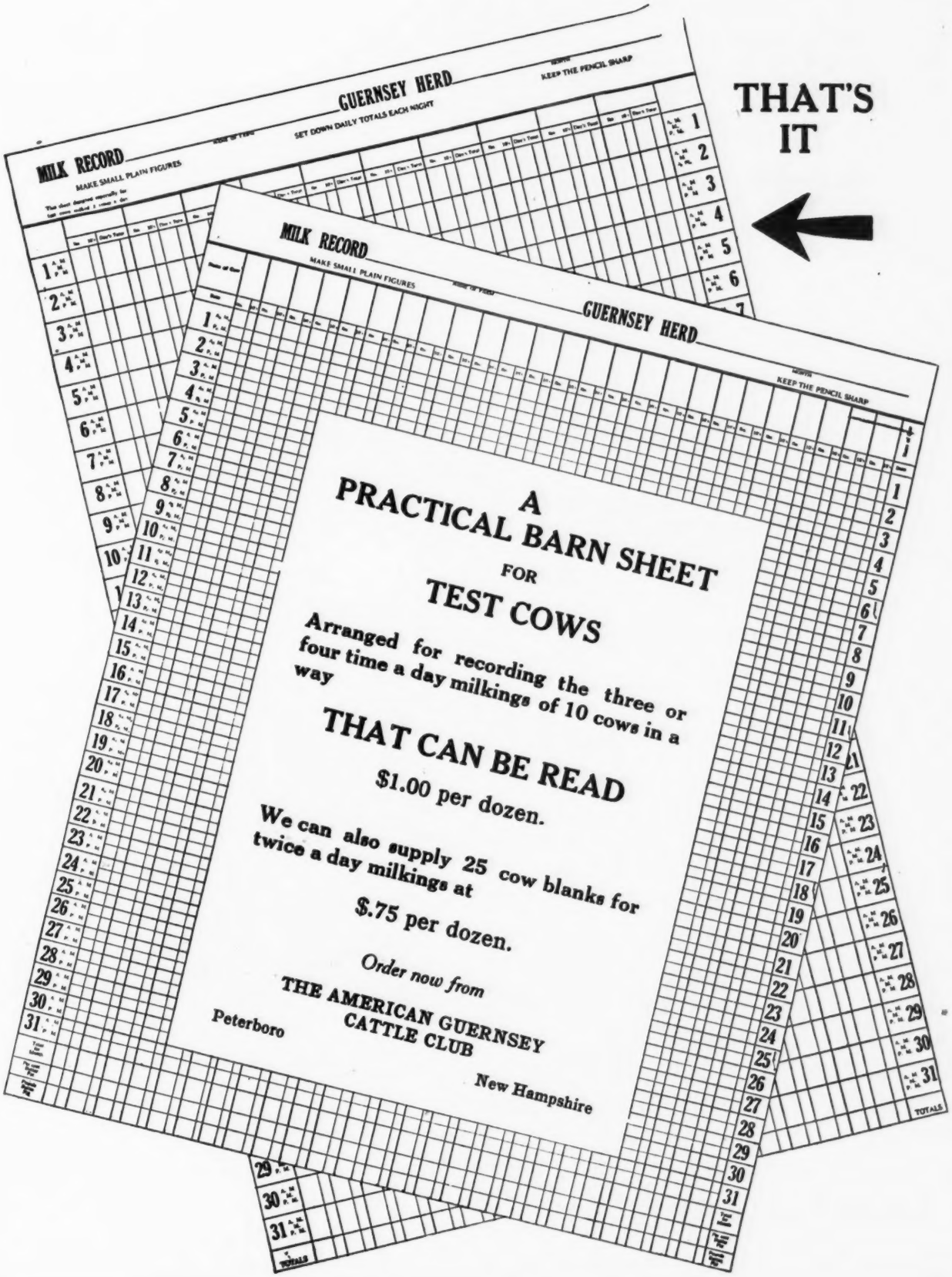
Name_____

Street or R. F. D._____

City and State_____ Write Plain

A pedigree sheet (8 1-2x17 inches,) which has ample room for red ink data under 3 generations of ancestors, and will fit into the regular standard typewriter is shown above. This blank also contains a form for sketching the animal and a key to all abbreviations used. Price $1.00 a 100.

Same kind of blank containing 4 generations, but a few inches wider (11x17 inches) $1.25 a 100.


MILK RECORD
MAKE SMALL PLAIN FIGURES
GUERNSEY HERD
SET DOWN DAILY TOTALS EACH NIGHT
KEEP THE PENCIL SHARP
THAT'S IT
A
PRACTICAL BARN SHEET
FOR
TEST COWS
Arranged for recording the three or four time a day milkings of 10 cows in a way
THAT CAN BE READ
$1.00 per dozen.
We can also supply 25 cow blanks for twice a day milkings at
$.75 per dozen.
Order now from
THE AMERICAN GUERNSEY CATTLE CLUB
Peterboro
New Hampshire

IMP. GOVERNOR II. OF THE ROUETTES 45451
Sire—Governor of the Chene 1297 P. S.
Dam—Beauty of the Ruettes 6834 P. S.
14298.75 lbs. milk; 739.29 lbs. fat

THE FIRST DAUGHTER

OF

Imp. Governor II. of the Rouettes

to freshen

HAS MADE

8861.00 lbs. milk; 465.43 lbs. butter fat

in 316 days in Class G

FOR SALE

SONS OF THIS BULL OUT OF GOOD A. R. DAMS

Also a Few Pure Bred and Grade Cows in calf to this bull

Accredited Herd 10086

SPRING FARM **TILLY FOSTER, N. Y.**

SOLD OUT

of bulls of serviceable age, but we shall be glad to hear from breeders who contemplate purchasing within the next year.

We will have sons of Ladysmith's Cherub, also sons of Cherub's Pearl Royal of Shorewood (Grand Champion National Dairy Show 1921) out of daughters of Ladysmith's Cherub.

We specialize in SIZE combined with CORRECT TYPE and LARGE PRODUCTION.

SHOREWOOD FARM

Crystal Bay, Minnesota

D. D. TENNEY, Owner **C. S. HOLGREN, Mgr.**

Langwater Archer 53844

Would You Like a Son of this Sire out of a Good A. R. Cow?

FAIRYDALE FARM

PAWLING **New York**

TYPE UNIFORMITY PRODUCTION

WADDINGTON FARM

HOME OF

IMP. BORDER RAIDER

IMP. BORDER RAIDER 22243 AND SEVEN OF HIS A. R. DAUGHTERS

Left to right

Raider's Polly of Waddington 76071
11643.6 lbs. milk; 630.75 lbs. fat. F

Raider's Beta Lily of Waddington 59903
9680.0 lbs. milk; 539.73 lbs. fat. G

Raider's Jip of Waddington 70834
9561.60 lbs. milk; 483.68 lbs. fat. 304 days. C

Raider's May Star of Waddington 57243
9477.00 lbs. milk; 505.39 lbs. fat. G
13398.90 " " 654.79 " " B

Raider's Violet of Waddington 74001
10586.4 lbs. milk; 532.16 lbs. fat. G

Raider's May Wort 48110
10860.5 lbs. milk; 529.28 lbs. fat. E

Raider's Rosetta of Waddington 57242
10078.40 lbs. milk; 546.27 lbs. fat. G
12273.20 " " 668.04 " " D
13639.20 " " 748.82 " " A

Imp. Border Raider 22243 A. R.

A Bull of this breeding will improve your herd

WADDINGTON FARM

WHEELING W. VIRGINIA

WHITE FARMS

SIXTY HEAD OF FEMALES

HERD SIRE

SIRE
Langwater Steadfast
31672

Sold for $25,000
at private sale

LANGWATER AFRICANDER 57121

DAM
Langwater Queen of the East
70304

Sold for $11,000
at public auction
A. R. 646.81 Class G

Cows and heifers of Mey Rose and Glenwood breeding, bred to Langwater Africander, for sale
Bull Calves for sale

WHITE DAIRY FARMS, Cairo, N. Y.

L. S. WHITE, Owner **S. E. WHITE, Mgr.**

Accredited Herd No. 1576

CRANE FARMS

60 Head GUERNSEYS AT AUCTION 60 Head

Pure Breds and Grades
Second Biennial Sale

Wednesday, Jan. 11, 1922 at 12 o'clock sharp

Earl Allen's Sale Barn, Lebanon, Ind.

There will be included in this sale mature cows, heifers and calves. They are the natural increase of the herds on Crane Farms and are of the best blood lines of the breed.

The daughters of Crane Farms' two most noted sires, Stranford's Derinna's Hambro 29111, whose six nearest dams have A. R. records averaging 682 lbs. fat and St. Austell Dividend 52300, a prize winner, whose dam and sire's dams have records averaging 732 lbs. fat, are very desirable and will be a valuable addition to any herd or a wonderful foundation for a beginner.

We have 20 grade females to offer in this sale that are of the best quality, many of them being sired by a grandson of Imp. King of the May 9001, and a grandson of a half brother of Dolly Dimple with 906 lbs. fat as a 3½ year old.

Crane Farms' Herds are free from tuberculosis and on the Federal Accredited Herd List.

Plan to attend this sale. Send for catalog.

CRANE FARMS - Lebanon, Indiana

P. H. CRANE **V. S. CRANE**
Zionsville, Ind. **Lebanon, Ind.**

The annual meeting of the Indiana Dairymen's Association and the Indiana Guernsey Breeders' Association will be held at La Fayette on the two days following this sale.

"FRITZLYN" GUERNSEYS

Frank Rose 26342 A. R.

Senior Herd Sire

10 A. R. daughters, records up to 526.99 GG

Seventeen Granddaughters

in herd of

NE PLUS ULTRA

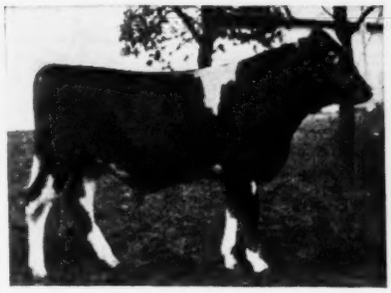
BULLS of this breeding FOR SALE
at reasonable prices.

W. F. FRETZ

Pipersville - - - Pennsylvania

JOHN G. WILLIAMS GEO. P. GROUT

Jean Du Luth Guernseys



Golden Coronation King 71683
At 7½ months old

HOME OF THE

CORONETS and GOLDEN NOBLES

Barring accidents Jean Du Luth Coronet will finish her year with better than 950 lbs. fat in class AA; she was formerly first in class EE; she has been 25 times first in the show ring

Golden Coronet of Jean Du Luth 81283
2nd Place in FF

Golden Coronet of Jean Du Luth has just finished with a record of 788.56 lbs. in class FF; she was first at Oregon and Washington State Fairs and first at Vancouver, B. C.

Jean Du Luth Coronet 2d has averaged over 50 lbs. fat per month for the past five months in GG; she was second at the Pacific International, first at Vancouver, B, C., and first at the Tri-State in 1921 while on test.

HERD BULLS

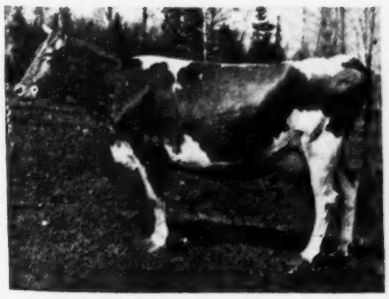
May Rose Searchlight 33074 A. R., whose first two dams average 831 lbs. fat, is a half brother to J. D. Coronet. He is out of the best daughter of Starlight's Excelsior A. R.

May Rose Moonlight 62058, whose first 19 tested dams average 706 lbs. fat is bred much the same as the young Coronets and is out of the same dam as Silver Star, that has just finished with 605.72 lbs. fat in GG. "Moonlight" was a grand champion in good competition and at maturity will weigh close to a ton.

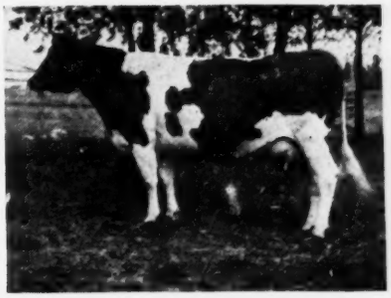
Golden Coronation King 71683, is out of J. D. Coronet, is a ¾ brother to the young Coronets, and by the best prize winning son of Golden Noble of the Lakes, whose daughters, at the same age are the best producers we have ever owned. Golden Coronation King will be a very large bull.

Herd Free from Tuberculosis

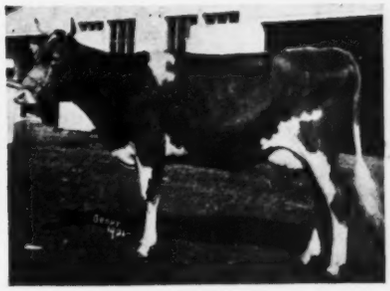
Write For Prices **JEAN DU LUTH FARM, Inc.** **Nickerson, Minn.**



Jean Du Luth Coronet 52816 A. R.



Silver Star of Jean Du Luth 84246
A Class Leader in GG



Jean Du Luth Coronet 2d

Evaline of Herodale 64416

Wisconsin

FOND DU L

GREENLAKE - RIPON - WAUPUN
ROSENDALE - ELDORADO - BYRON
OAKFIELD - BRANDON - VAN DYNE

Males and Females For Sale out of

A. R. Dams

Strong in blood of Golden Hero of l'Etiennerie 12647 P. S.

JAMES H. BEIRNE & SONS

Oakfield - - - - - - - Wisconsin

BIRCHWOOD GUERNSEYS

We are offering a fine son of Cherub's Prince 41543, whose picture and show winnings appear in the JOURNAL in the advertisement of Messrs. Rueping, Hill and Marsh. This bull was born Sept. 26, 1920, and is a fine individual. His dam is sired by the great bull, May King's Vrangue of Ingleside 15430. We have other bulls of serviceable age sired by our herd bull, Sunkiston 45371. Thirteen of his dams in first four generations average 582 lbs. fat in the A. R.

M. L. WELLES

Rosendale - - - - - - - Wisconsin

HERD SIRES

Cherub's Prince 41543

Pencoyd's Crackerjack 39627

Males and Females of A. R. Breeding For Sale

C. L. HILL & SON

Rosendale - - - - - - Wisconsin

Fond du Lac County has More Class Leader Guernseys than any County in America

SEND FOR SALE LIST

100 BULLS **20 HEIFERS**

Several Grades

B. F. SHERIDAN, Sec'y

Fond du Lac - - - - - - Wisconsin

SULPHUR SPRINGS GUERNSEYS

Noted for Size and Production

HERD SIRE—Prince Victor of Thorn Hill 51791

Sire—Victor of Pencoyd 18901. Fifth Prize National Dairy Show. Sired by Imp. Golden Secret

Dam—Princess of Thorn Hill 44951. Once Champion in Class AA with 736.63 lbs. fat

YOUNG BULLS OF EXCELLENT CONFORMATION FOR SALE

For Pedigrees and Particulars Write

Charles Schmoldt & Son **Rosendale, Wis.**

ELMWAY FARM

Home of Golden Luraland of Minot 40882

A grandson of Golden Secret and out of Lura Bettina 29725, the highest record daughter of Glenwood Stranford. She has 738.46 lbs. fat to her credit.

Bull calves sired by this bull from A. R. cows for sale at reasonable prices.

W. A. LAWSON - - Rosendale, Wis.

"INVERNESS"

Offers FOR SALE YOUNG BULLS sired by

Albina's Eminent of Sulphur Springs 61670

Sire—Eminent of Sarnia A. R.
Eight completed records of his daughters average 557.34 lbs. fat. Many of them double letter and Class G records.

Dam—Albina of Sulphur Springs A. R.
613.64 lbs. fat at 2½ years

THE BULLS OFFERED ARE OUT OF A. R. COWS

Prices Reasonable

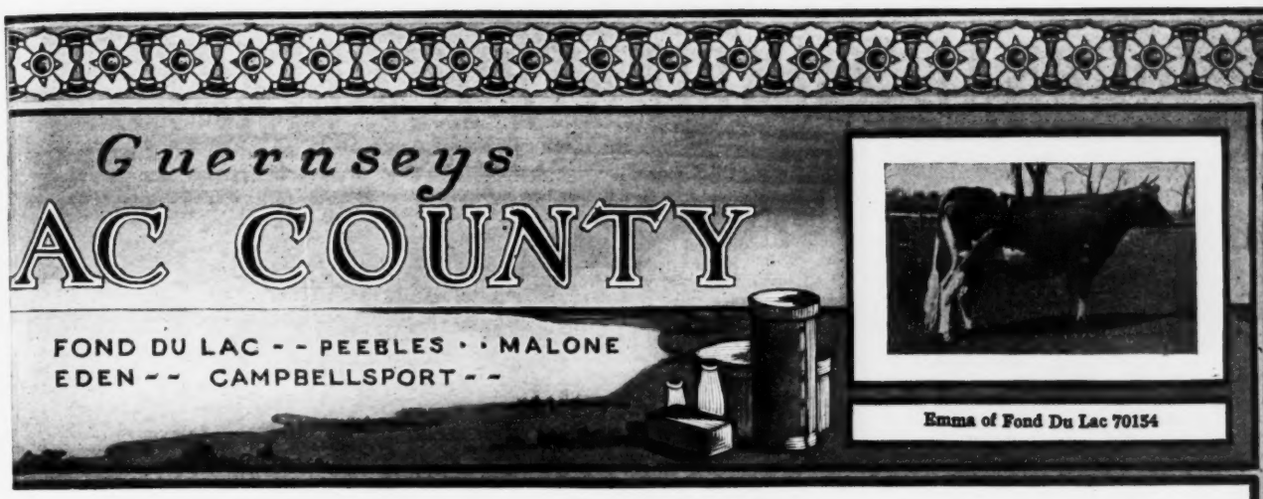
A. W. Hargrave **Ripon Wis.**

GUERNFALFA FARMS

Offer for sale choice young bulls, a few of breeding age, also a few heifers or A. R. cows at bargain prices. Our herds have been tested for tuberculosis by state and Federal authorities for 11 years without finding a single reactor. Herds not only fully accredited but are guaranteed free from abortion. We have never had a case of abortion or non-breeder in our herds of 75 head. All in milk are either A. R. animals or are on A. R. test. All animals born and raised in our barns except one old cow which was bought when 6 months of age.

If you are looking for the very best of Guernsey stock to be had anywhere at any price, write for sale list.

MATH. MICHELS & SONS - Fond du Lac, Wis.



Emma of Fond Du Lac 70154

CLASS LEADER

GOVERNESS LOUISE 62170

Sixth Cow in Class C

with

14198.3 lbs. Milk; 800.74 lbs. Fat.

Record made at

CORIUM FARM FOND DU LAC WISCONSIN

HERD SIRES

Cherub's Prince 41543 **Superb of Edgemoor 49590**

"Luxerin"

B. F. SHERIDAN

Fond du Lac **Wisconsin**

BULL CALVES Fit to Head any Herd

Sired by Dairymaid's Nonpareil of Iowa 26763

Average records of dam and sire's dam 867 lbs. fat

A Son Glenwood of the Prairie 36204 is in use in F. K. Babson's herd (See page 4—July 1 Journal)

A Son Dora's Nonpareil 38181 is in use in W. W. Marsh's herd.

First Daughter to complete test. Lillia of Iowa 2d 61500. 773.03 Fat. E.

A daughter Century Girl of Edgemoor 81710. 1st prize 2 yr. old, Nat'l Dairy Show, 1920

Have 4 very high class bull calves out of Class Leader daughters of Eminent of Sarnia 32963, rated as second or third production sire of the breed. 2 others, dams' records, 611 A; 675 D.

Type and Production Demonstrated

LONE TREE FARM

GREEN LAKE, WISCONSIN

25 miles west of Fond du Lac

This Federal Accredited Herd of 150 Animals Carries the Blood

—OF—

Imp. King of the May 9001
Langwater Warrior 26509
Langwater Royal Master 23663
Langwater Stars and Stripes 21872
Brookmead's Patriot 51950

and we have lately added to our herd a son of

Brookmead's Queen 55398

who is now finishing a very great record in Class AA
See our herd at all the shows and sales
Average of all cows tested to date—all ages—418 lbs. fat

VICTOR F. LAWSON, Owner **W. A. MERIGOLD, Jr., Manager**

JOURNAL COMBINATION OFFERS

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1. Guernsey Breeder's Journal $2.00
2. Guernsey Breed . . . . . 1.75 (Bound in all Cloth)
3. Bound with Leather Back and Corners. 2.25
4. Bound in all Leather . . . 3.00
5. Kimball's Dairy Farmer. . .50

Combinaton Number Three

COMBINATION PRICES

Combination Number One

(As shown above)	Regular Price	In Combination
Book bound in all cloth	$3.75	$3.25
Book bound with leather back and corners	4.25	3.75
Book bound in all leather	5.00	4.50

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(As shown above)	Regular Price	In Combination
Book bound in all cloth	$4.25	$3.75
Book bound with leather back and corners	4.75	4.25
Book bound in all leather	5.50	5.00

A Subscriber Writes:

"A man might as well try to teach religion without a Bible as to try to breed Guernseys without each issue of the Journal."

He Also Says:

"Every breeder should have 'The Guernsey Breed' by Chas. L. Hill." Of course he takes a good dairy paper like Kimball's Dairy Farmer.

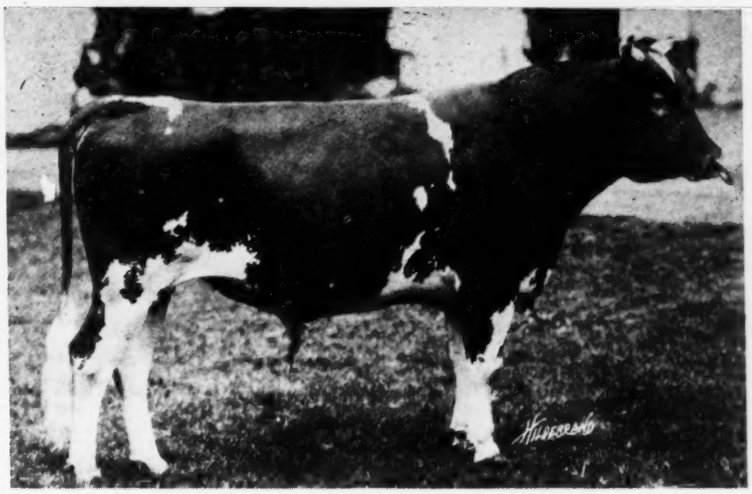
Combination Number Two

Regular Price $2.50. In Combination $2.25

ORDER AT ONCE FROM

THE AMERICAN GUERNSEY CATTLE CLUB, PETERBORO, N. H.

BROOKLANDWOOD FARMS



AUDACITY OF EDGEMOOR 54840

First Prize, National Dairy Show, 1919
First prize and Grand Champion Bull, Maryland State Fair 1920, 1921
Second prize in competition with the Grand Champion Bull, National Dairy Show, 1921
Sire of first prize Calf Herd, Maryland State Fair, 1921
Sire of second prize Calf Herd, National Dairy Show, 1921
Sire of Junior Champion Bull and Junior Champion Cow, Maryland State Fair, 1921

Audacity of Edgemoor is a superb individual. He has proven himself prepotent for type. He is the result of a long line of consistent breeding, backed by an ancestry noted for type and production that makes him worthy of the attention of the most critical breeder.

WE OFFER A FEW OF HIS SONS

KNAVE OF DIAMONDS 72281

First prize and Junior Champion Bull, Maryland State Fair, 1921
Sire—Audacity of Edgemoor 54840
Dam—Diamond Belle Vue 47481

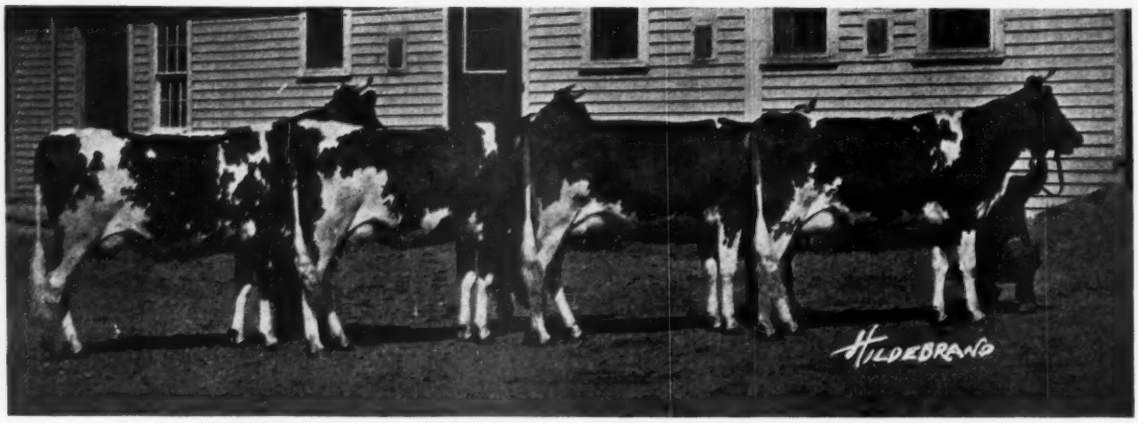
She has made the following record subject to approval: 10607.90 lbs. of milk with 516.71 lbs. of butter fat in Class A
Her dam, Belle Vue V. A. R. 3427, has a record of 11483.10 lbs. of milk with 596.50 lbs. of butter fat in Class A

BROOKLANDWOOD FARMS

Lutherville - - - - - - - Maryland

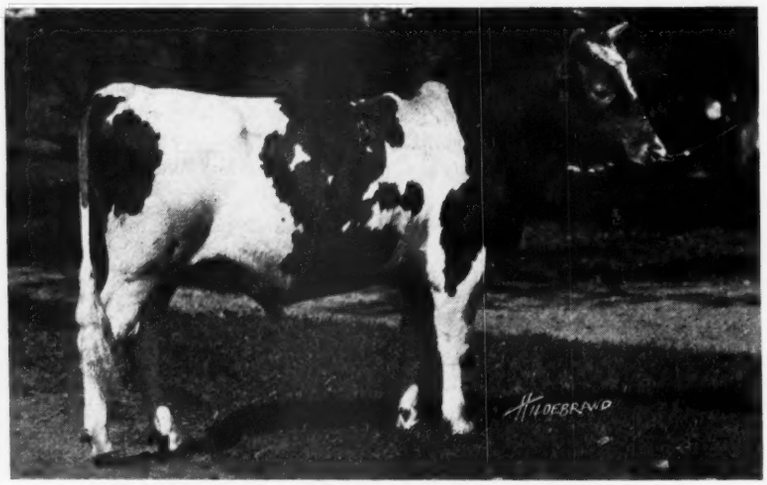
The GET of a BULL is his BIGGEST ASSET

Below is a sample of the type that Langwater Cavalier 21012 is siring;



FOUR TWO YEAR OLD DAUGHTERS OF LANGWATER CAVALIER 21012

Not only is he siring daughters of type, but his sons are equally as good.



UPLAND'S CAVALIER 65412—Taken at 17 months of age
By Cavalier and out of a Granddaughter.

A son of Langwater Cavalier 21012 was First in a class of twenty in the Junior Calf Class at the National. It proves that **Pedigrees worth Studying** produce the animals that **Win.**

Let our judgment safeguard you against mistakes in Breeding.

UPLAND FARMS, INC.

IPSWICH, MASS.

F. P. FRAZIER & SONS, Props. **W. K. HEPBURN, Mgr.**

Is Your Herd Above the Average?

Sire--King's Vanguard A. R.

2 A. R. sons, 10 A. R. daughters
Sire—Ne Plus Ultra A. R.
Dam—Lady Rose A. R.

Dam--Mignonette of Maple Row A. R.

604 lbs. fat; 11247.8 lbs. milk (B) 2 A. R. sons, 1 A. R. daughter.
Sire—Onoko of Maple Row A. R.
Dam—Queen Wilma A. R.

Reservation Chesterfield A. R.

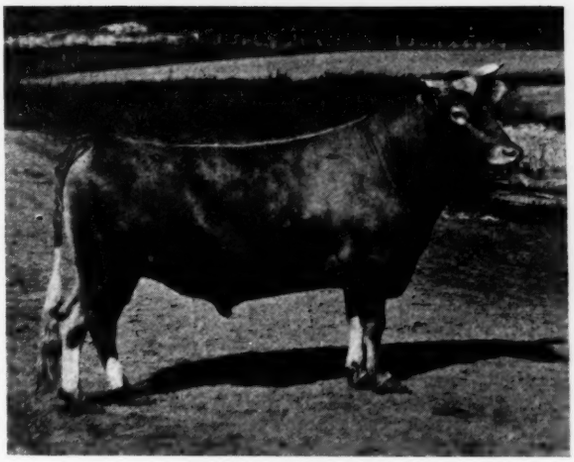
Chesterfield daughters from our great Munroe family are clearly demonstrating their ability to produce. Every record made in stanchions. Ten daughters with A. R. records, others on test.

Average of six Chesterfield daughters in Class F	10380.10	514.93
" Production all Guernseys in Class F	8298.57	417.77
Increase over average	**2081.50**	**97.16**
Average of four Chesterfield daughters. Class G	8662.31	451.77
Average Production all Guernseys in Class G	8002.34	401.02
Increase over average	**659.96**	**50.75**

Raise your average by using a bull of this breeding
Accredited Herd No. 10060

1898 **TRIPLE OAKS FARM** **1922**

LEWIS A. TOAN, Owner **PERRY, NEW YORK** **HENRY C. BATES, Herdsman**



A Rollwood Herd Sire

Muriel's Raider of Waddington 33193

WE OFFER FOR SALE

a number of choice **Grade Guernsey Springers,** due to freshen within sixty days.

Tuberculin Tested

Subject to being unsold

ROLLWOOD FARM

Guilford - - - Connecticut

We Announce the Purchase of

LANGWATER EMIGRANT 14076 A. R.

21 7-8% May Rose II.

Grandson of
Imp. May Rose King
Imp. King of the May
Imp. Pride of Home
Dolly Bloom

His four nearest dams are all former Class Leaders, averaging 677.65 lbs. fat.

His get have been winners at some of the largest shows.

He will be used on the daughters of May Rose Golden Secret 34920 A. R.

High Class Young Bulls For Sale
Send For List

E. S. PERSON - Minot, N. Dak.

The "Get" of Pencoyd's Secret Marose

(One yearling and three calves)

First Prize at Eastern States Exposition
" " " New England Fair
" " " New York State Fair
" " " New Jersey State Fair
" " " Connecticut State Fair
" " " Spokane, Washington
" " " Pacific International

ACCREDITED HERD

APPLETREE POINT FARMS
BURLINGTON, VERMONT
U. A. Woodbury, II, Owner

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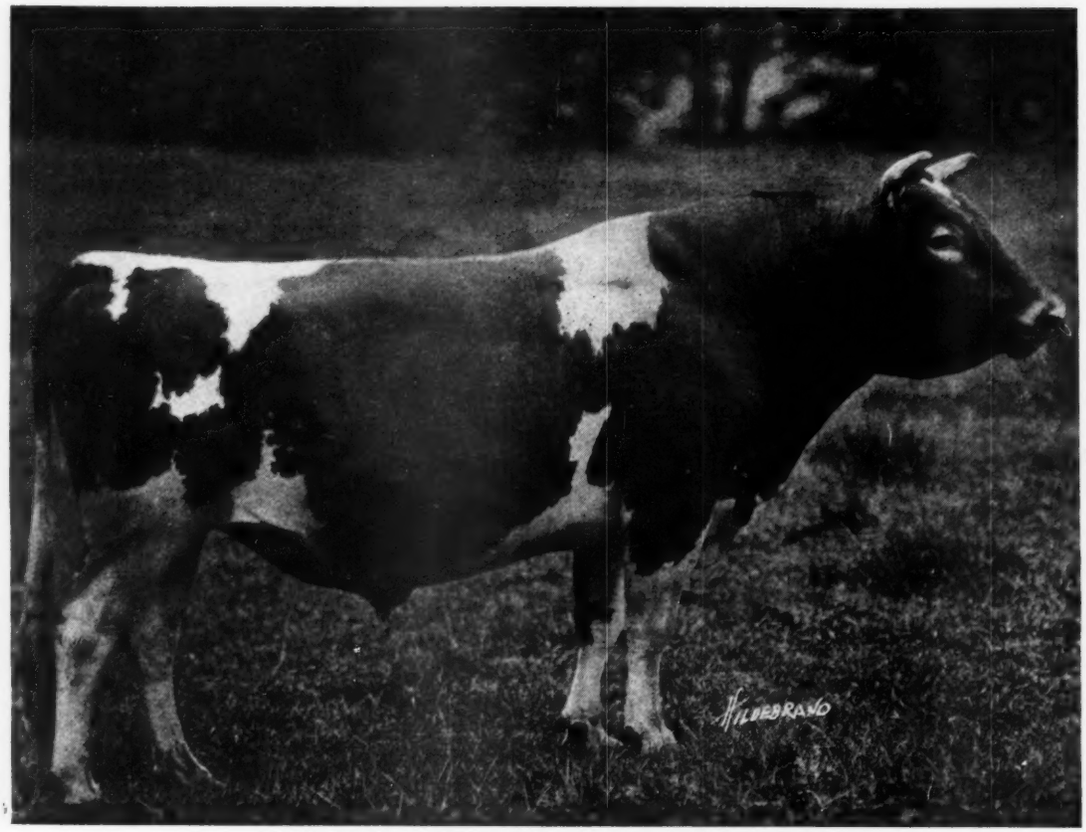
WAWA DAIRY FARMS

Wawa, Delaware County, Pa.

PREMIER HERD SIRE



BROOKMEAD'S STARS AND STRIPES 49117

SIRE: Langwater Stars and Stripes 21872 A. R.
Sire: Imp. King of the May 9001 A. R.
Dam: Dolly Dimple 19144 A. R.
703 lbs. Fat. Class G. 906 lbs. fat. Class D.

DAM: Pallotta's Beauty of Barrington 38471
650 lbs. Fat. Class E—950 lbs. Fat. Class A.
Sire: King Bell 13482 A. R. by May Rose King
Dam: Imp. Bella 3d of the Ramee
Dam of Belladia A. R. 934 lbs. Fat. Class A.

Average "Butter Fat Inheritance" of Brookmead's Stars and Stripes as shown by Dam's record and Sire's Dam's record is 920 lbs. Fat, making him with (one exception) the greatest "BUTTER-BRED" bull in service today.

Every son of Brookmead's Stars and Stripes has been sold at private sale before three months old. His last bull, dropped March 17th out of a cow on test milking 53 lbs. a day, was sold at one month of age to a Maine Breeder, Mr. John E. Roberts, Alfred, Maine.

The following dams are heavy in calf to Brookmead's Stars and Stripes:

	Milk	Fat	Class		Milk	Fat	Class
Freesia Delmar of Wawa 44862 A. R. 5508	12957.6	650.57	A	France's Wawa Maid 40289 A. R. 2392	5948.4	266.38	GG
Sequel's Milkyway of Wawa 71079 A. R.	9502.3	479.34	D	Virginia Hedges 72352	9982.9	460.87	G
Retaview of Wawa 31215 A. R. 2242	6106.0	352.92	G	Mainstay's Portia of Wawa 59528	10974.9	548.69	B
Dan Patch's Blossom of Wawa 80891 (297 days)	7588.7	339.71	F	Busy Bee's Daisy of Wawa 46279	6833.0	343.84	G

Bulls from above matings, will be offered.

:—: ADDRESS ALL INQUIRIES TO :—:

WAWA DAIRY FARMS

22 So. 32nd STREET **PHILADELPHIA**

ALBAMONT FARMS

Campton **New Hampshire**
Winchester **Massachusetts**

Home of Don Diavolo Guernseys

"High in the Hills of New Hampshire"

We still have a few exceptionally good A. R. cows and heifers which we can offer at very reasonable prices considering their breeding and quality.

We also have one yearling bull of choice Island breeding and four young bulls from one to six months old by Cramond Defiance, our son of Langwater Warrior, and by Albamont Raider. These are either out of good A. R. dams or their dams are now on A. R. test. The prices are very low on these young bulls.

Our Main herd is still located as heretofore
at Campton, New Hampshire

J. C. HAARTZ

10 HIGH ST. **BOSTON, 9, MASS.**

Langwater Sires Make Good

In CLASS F:

New Class Leaders, Nella Jay of Pencoyd 77520 A. R. 8730.
RECORD: 16325.6 lbs. milk, 810.63 lbs. fat.
Sired by LANGWATER PENCOYD 21830
Cow in Third Place, Langwater Hope 27946,
RECORD: 15078.8 lbs. milk, 773.59 lbs. fat.
19882.0 lbs. milk, 1003.17 lbs. fat A
Sired by IMP. KING OF THE MAY 9001
Cow in Fourth Place, Jesebel of Edgemoor 52584
RECORD: 12434.8 lbs. milk, 748.32 lbs. fat.
Sired by NE PLUS ULTRA 15265, another Langwater bull.

In CLASS G:

First three all sired by Langwater bulls.
Ultra Celia 72478
RECORD: 12566.2 lbs. milk, 755.83 lbs. fat.
Sired by NE PLUS ULTRA 15265.
Langwater Phyllis 70607
RECORD: 13288.4 lbs. milk, 746.23 lbs. fat.
Sired by LANGWATER FASHION 23660
Brookmead's Dorothy 55715
RECORD: 14179.4 lbs. milk, 742.08 lbs. fat.
Sired by LANGWATER STARS & STRIPES 21872

Bulls bred similarly to the sires of these champions always for sale. They will improve your herd.

For Prices and Particulars, Address

LANGWATER FARMS - NORTH EASTON, MASS.

F. CLIFFORD SHAW, Supt. **Estate of F. L. AMES**